BenQ

FP783

LCD Color Monitor

17.0" (43.2 cm) LCD Panel Size

User's Manual

Welcome

i Copyright

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Please follow these safety instructions for best performance, and long life for your monitor

iii Power Safety

- The AC plug isolates this equipment from the AC supply.
- The power supply cord serves as a power disconnect device for pluggable equipment. The socket outlet should be installed near the equipment and be easily accessible.
- This product should be operated from the type of power indicated on the marked label. If you are not sure of the type of power available, consult your dealer or local power company.

iv Care And Cleaning

- Cleaning. Always unplug your monitor from the wall outlet before cleaning. Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any liquid, aerosol or glass cleaners.
- Slots and openings on the back or top of the cabinet are for ventilation. They must not be blocked or covered. Your monitor should never be placed near or over a radiator or heat source, or in a built-in installation unless proper ventilation is provided.
- Never push objects or spill liquid of any kind into this product.

v Servicing

- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks. If any of the above mentioned misuse or other accident such as dropping or mishandling occurs, contact qualified service personnel for servicing.

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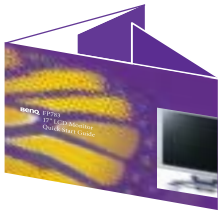
1 Getting started

When unpacking please check you have the following items. If they are missing or are damaged, please immediately contact the dealer at which you purchased the goods.

BenQ LCD Monitor	
Quick Start Guide	
CD-ROM Disk	
Power Cord	
Power Adapter	
USB Cable	

Signal Cable: D-Sub	
Signal Cable: DVI-D (Optional)	

❷ Getting to know your Monitor

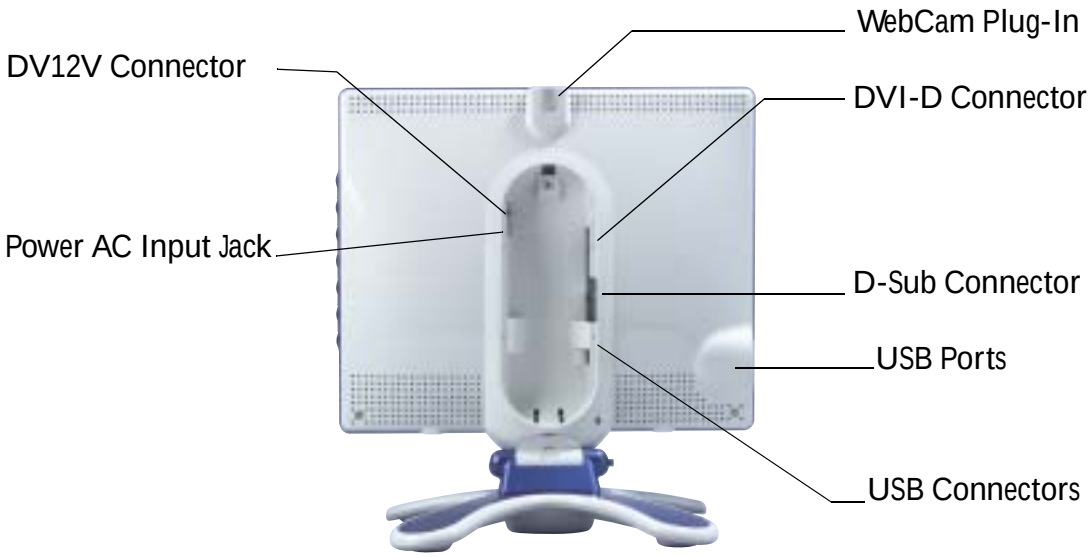
Front View

Side View (1)

Side View (2)

Back View (1)

Back View (2): Locations of plugs & sockets



❸ How to install your monitor hardware

Make sure that the computer and monitor's power are both turned off.

1. Pull the monitor screen forward to keep it upright. There will be a clicking sound.

2. Press the jutting edge to detach the back cover.

3. Connect the D-Sub cable (the end with no core attached) to the monitor.

4. Connect the other end of the D-Sub cable to your computer.

5. Connect the USB cable from the monitor to your computer.

6. Connect one end of the DVI-D cable to the monitor and the other end to the signal connector of your computer. (Optional)

7. Connect the power cord to your monitor.

8. Collect cables in order and fix the back cover to the place.

After connecting the power cord to an AC power socket, turn on your computer and press the Power button on the side panel of the monitor. The power indicator will light up to notify the status of power.

Note: The USB port on the top panel of your monitor is specifically designed for plugging your WebCam in. If you wish to attach other USB devices, we recommend you to plug them into the USB ports on the side panel of the monitor.

Adjust the viewing angle

Your LCD monitor is designed to allow you to adjust it to an optimal viewing angle.

❹ How to install your monitor's software

You need to set up the correct monitor driver to suit your operating system.

To set up Windows 95, start on this page.

Windows 98, turn to page 17.

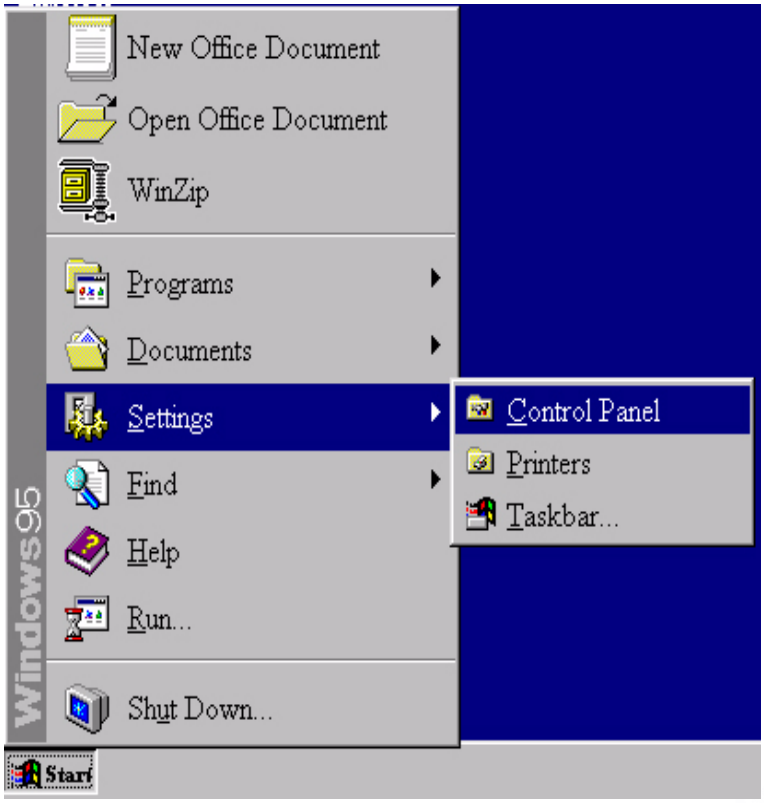
Windows 2000, turn to page 22.

Windows ME, turn to page 29.

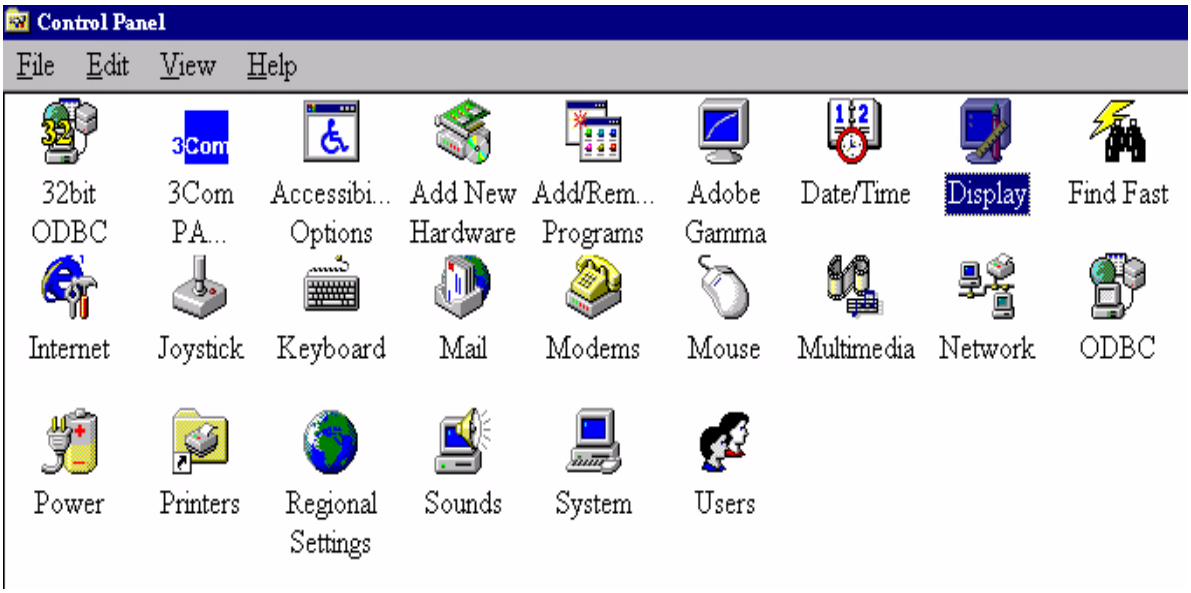
Windows XP, turn to page 35.

Windows 95. The first time you start Windows with a new monitor, the system will detect it and automatically install the driver for plug and play displays. To install the current driver from CD, proceed as follows:

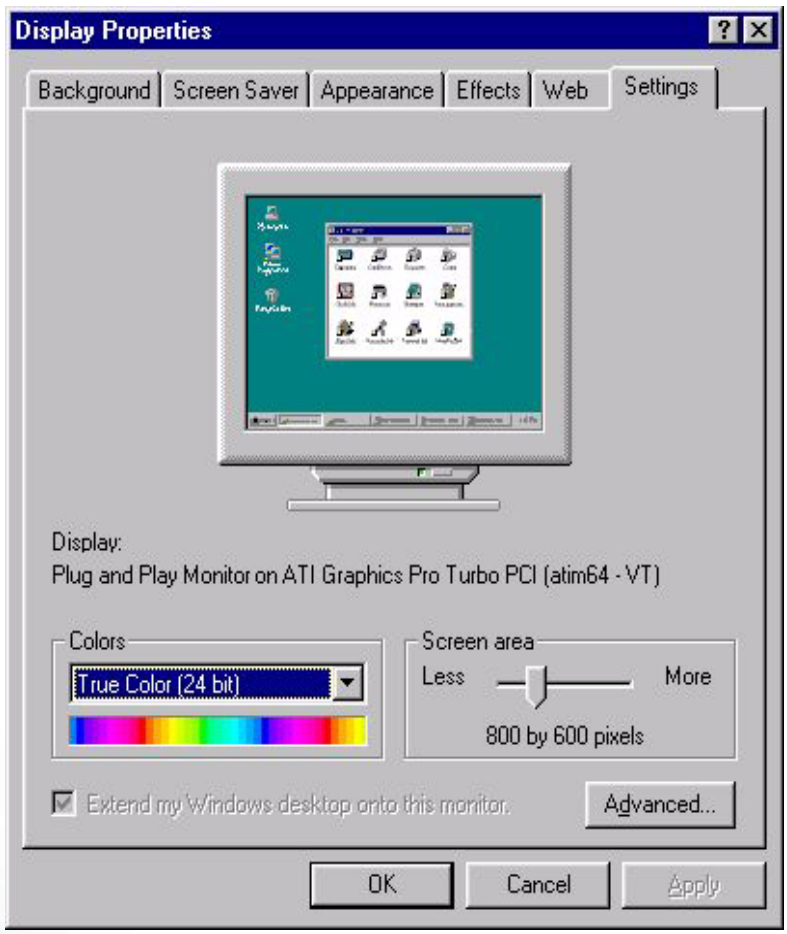
1. Insert "**BenQ LCD Monitor**" CD-ROM into your CD-ROM Driver.
2. Click "**Start**" then "**Settings**".



3. Double click the "**Display**" icon in the Control Panel.

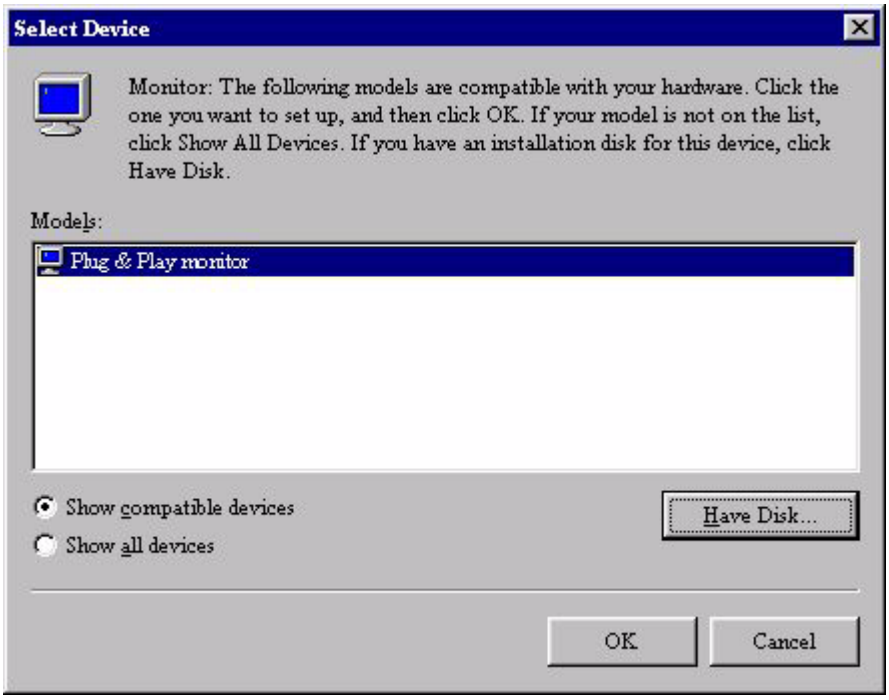


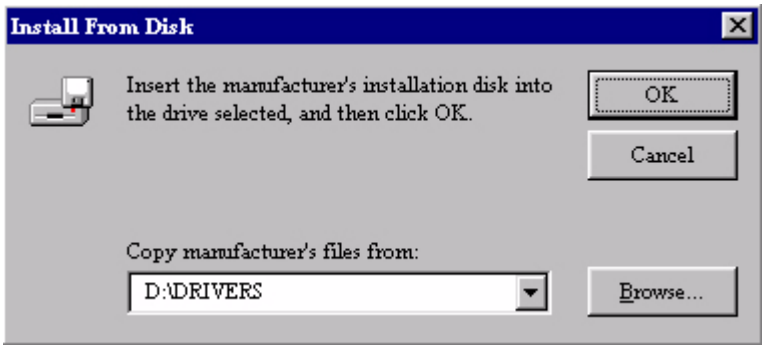
4. From the "**Display properties**" window, select the "**Settings**" tab. Click the "**Advanced...**" button in the bottom right corner.



5. Select the "**Monitor**" tab. Click the "**Change**" button in the top right corner.

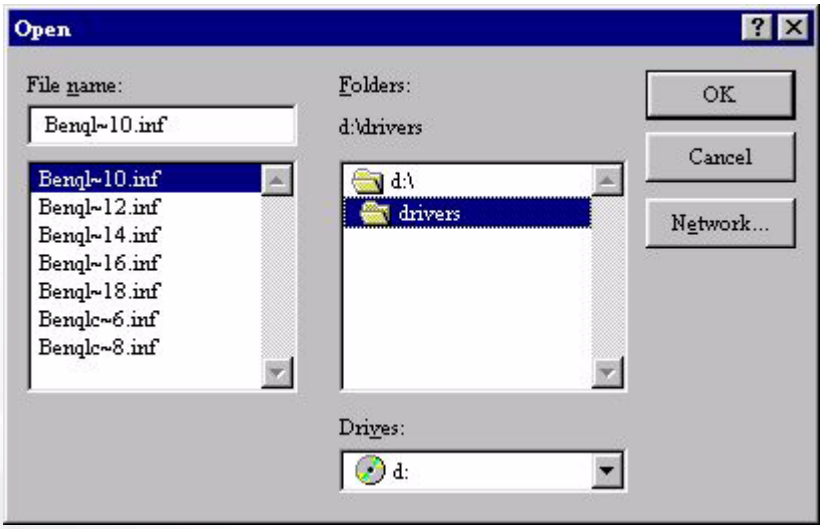
6. Now click the "**Have Disk**" button in the bottom right corner. Another window appears. Select the "**Browse**" button.


Select Device
Monitor: The following models are compatible with your hardware. Click the one you want to set up, and then click OK. If your model is not on the list, click Show All Devices. If you have an installation disk for this device, click Have Disk.
Models:
Plug & Play monitor
Show compatible devices
Show all devices
Have Disk...
OK
Cancel

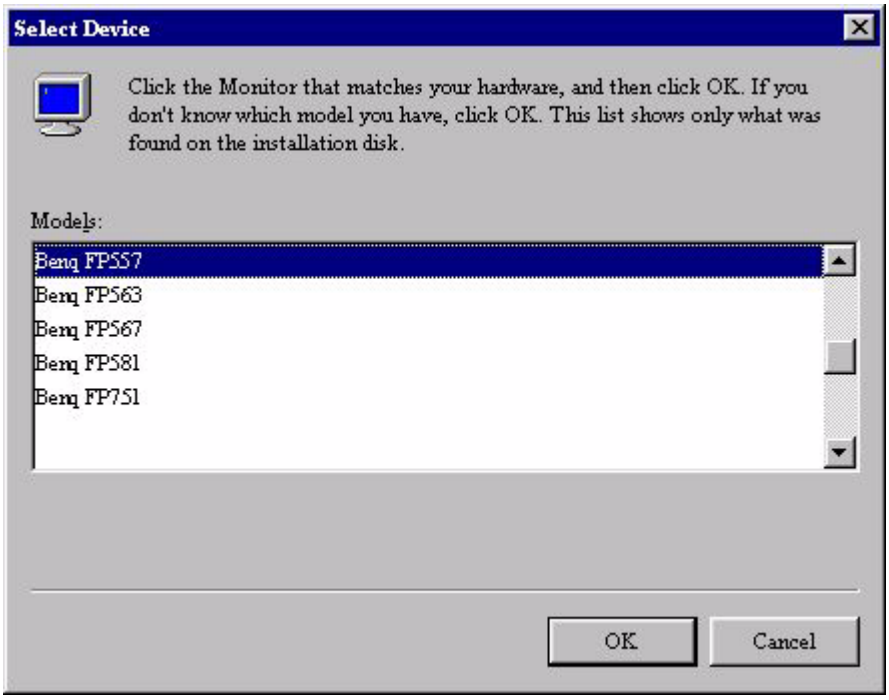


7. Insert the supplied CD into your computer. Select the CD-drive from the drop-down menu.

8. In the field above the drive selection, change to the "**Drivers**" folder. The current driver files are located there. Press "**OK**" and the window closes.



9. By pressing "**OK**" again in the next window you will be given a list of compatible devices. Select "**FP783**" from the list and press "**OK**" again.

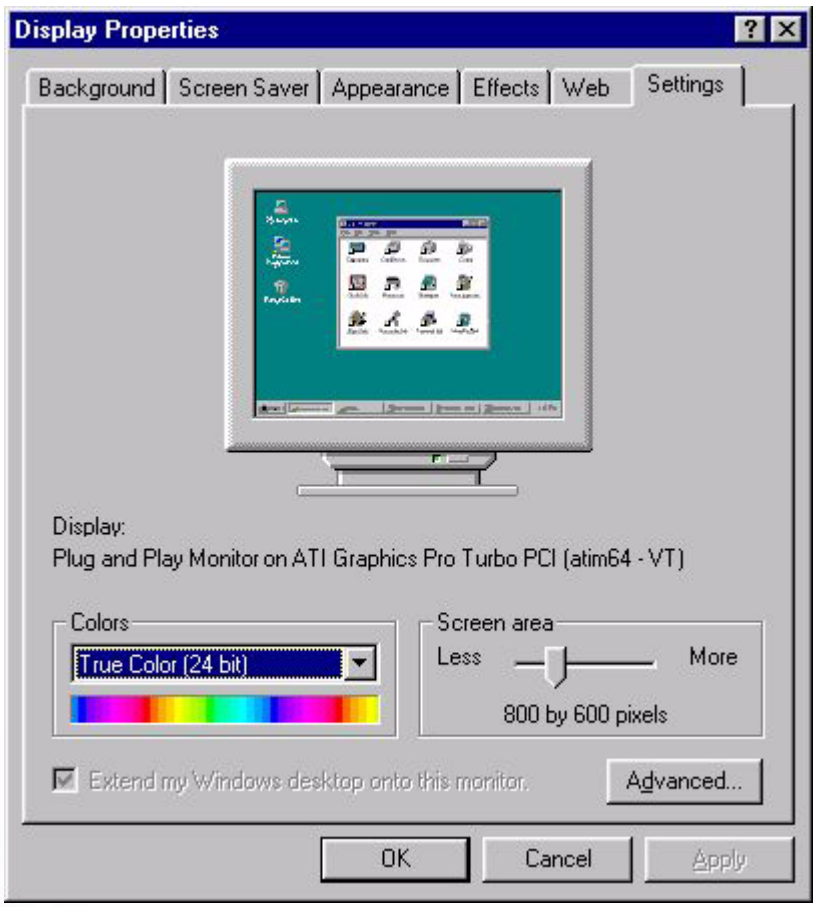

Select Device
Click the Monitor that matches your hardware, and then click OK. If you don't know which model you have, click OK. This list shows only what was found on the installation disk.
Models:
Benq FP557
Benq FP563
Benq FP567
Benq FP581
Benq FP751
OK
Cancel

10. Now you are back to "**Advanced Display Properties**". Close this window by clicking "**OK**" and confirm the following messages with "**Yes**". Click "**OK**" and "**Yes**" again. The installation is now completed. You can close "**Display Properties**".

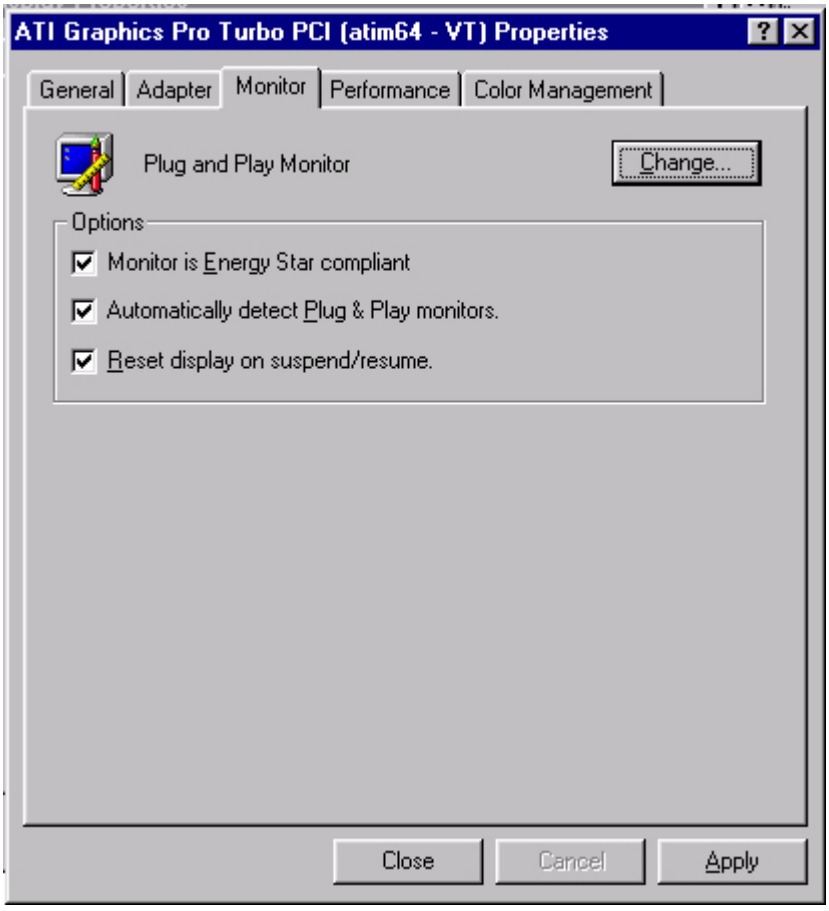
Windows 98. To manually install or update the driver, perform the following steps:

1. Open the control panel and double-click "**Display**" icon.

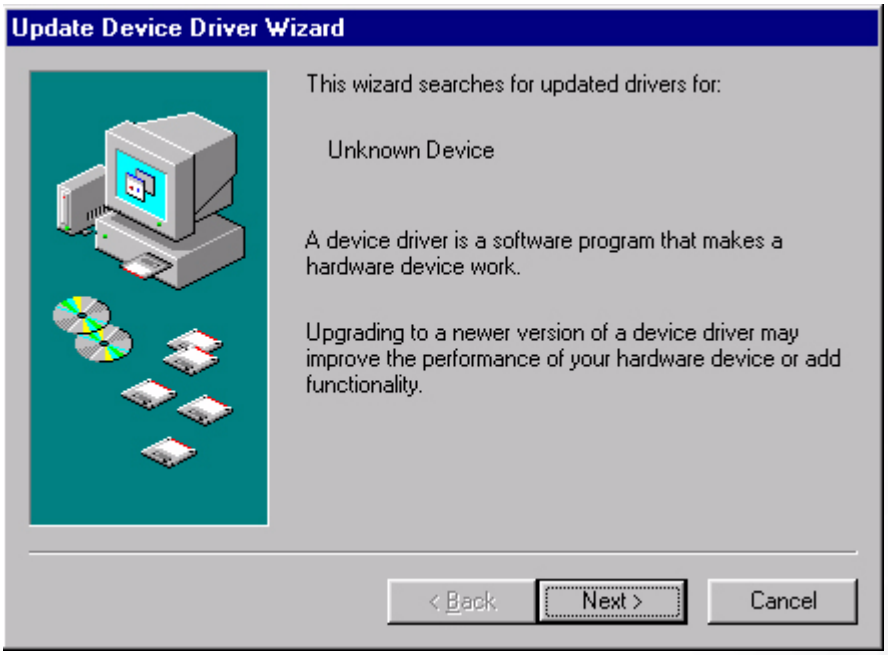
2. From the "**Display Properties**" window, select the "**Settings**" tab. Click the "**Advanced...**" button in the bottom right corner.



3. Select the "**Monitor**" tab. Click the "**Change**" button in the top right corner.



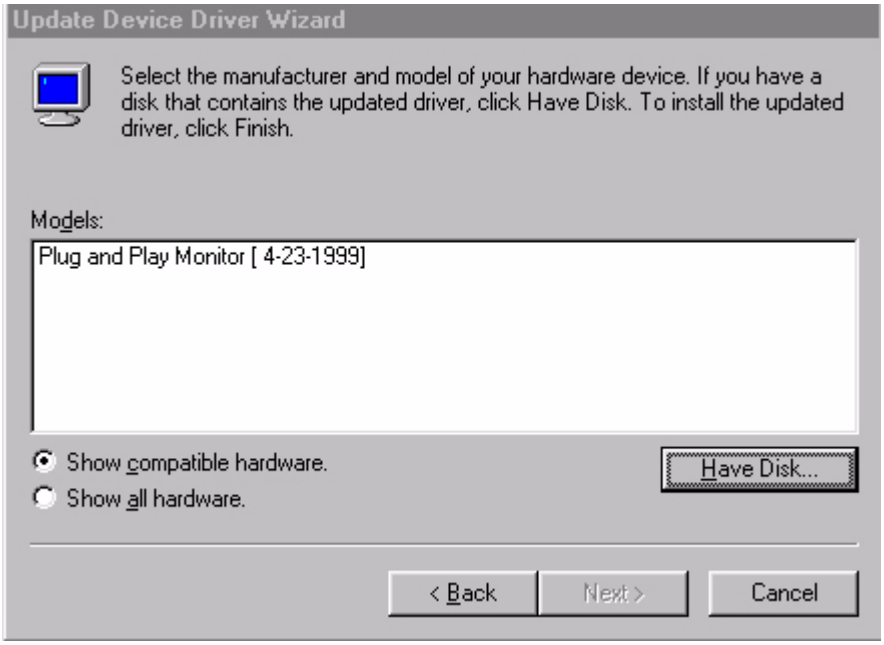
4. The "**Update Device Driver Wizard**" opens. Confirm by clicking "**Next**".

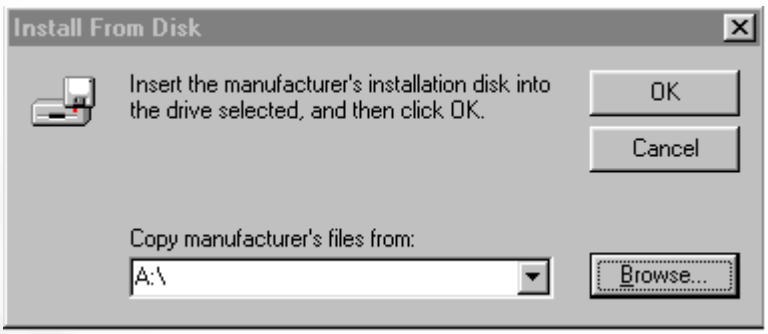

Update Device Driver Wizard
This wizard searches for updated drivers for:
Unknown Device
A device driver is a software program that makes a hardware device work.
Upgrading to a newer version of a device driver may improve the performance of your hardware device or add functionality.
< Back
Next >
Cancel

5. Select "**Display a list of all drivers in a specific location, so you can select the driver you want.**" and press "**Next**".

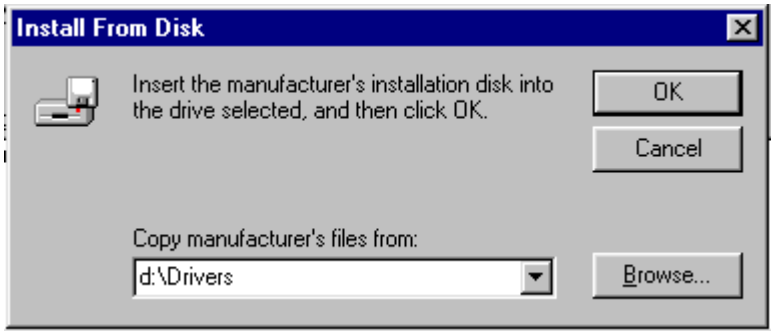
Update Device Driver Wizard
What do you want Windows to do?
Search for a better driver than the one your device is using now. (Recommended)
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

6. Now click the "**Have Disk**" button in the bottom right corner. Another window appears. Select the "**Browse**" button.

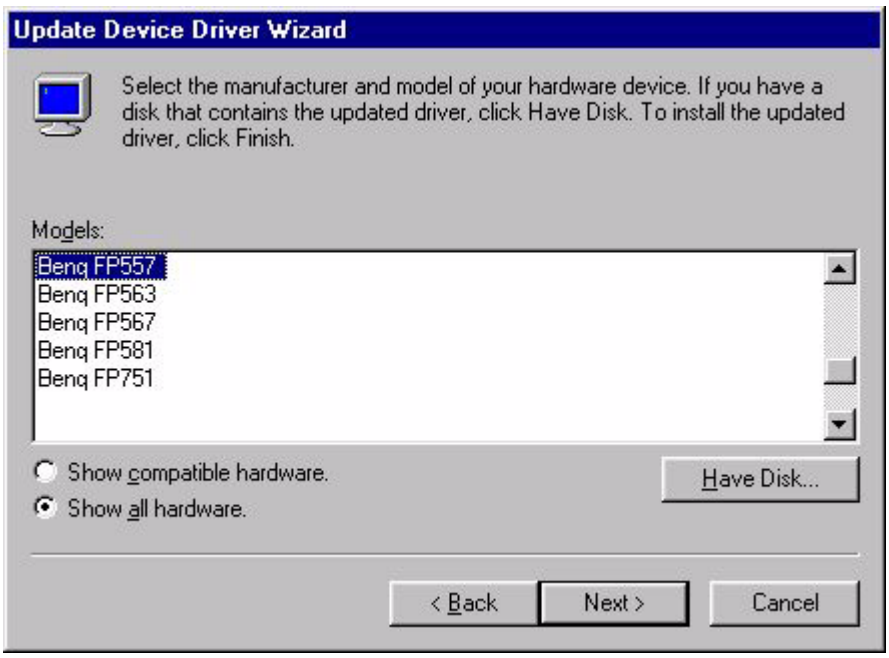

Update Device Driver Wizard
Select the manufacturer and model of your hardware device. If you have a disk that contains the updated driver, click Have Disk. To install the updated driver, click Finish.
Models:
Plug and Play Monitor [4-23-1999]
Show compatible hardware.
Show all hardware.
Have Disk...
< Back
Next >
Cancel



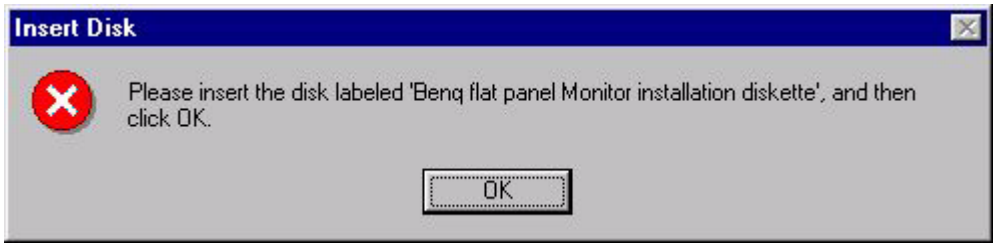
7. Insert the supplied CD into your computer. Select the CD-drive from the drop-down menu.

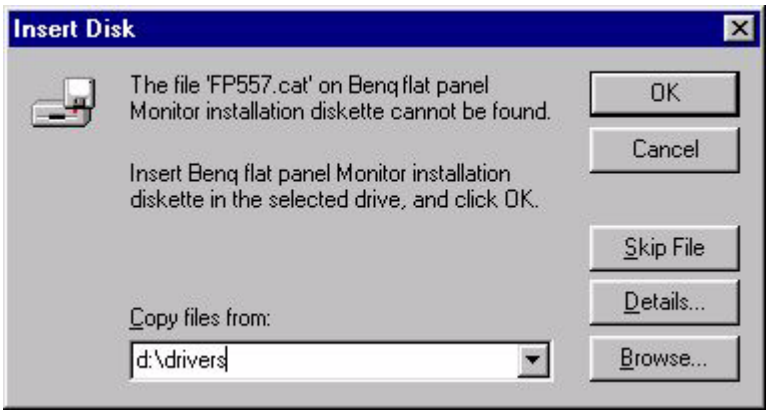


8. By pressing "**OK**" again in the next window you will be given a list of compatible devices. Select "**FP783**" from the list and press "**Next**" again.


Update Device Driver Wizard
Select the manufacturer and model of your hardware device. If you have a disk that contains the updated driver, click Have Disk. To install the updated driver, click Finish.
Models:
Benq FP557
Benq FP563
Benq FP567
Benq FP581
Benq FP751
Show compatible hardware.
Show all hardware.
Have Disk...
< Back
Next >
Cancel

9. An “**Insert Disk**” dialogue box appears. Click “**OK**”, and then click “**Skip File**”.



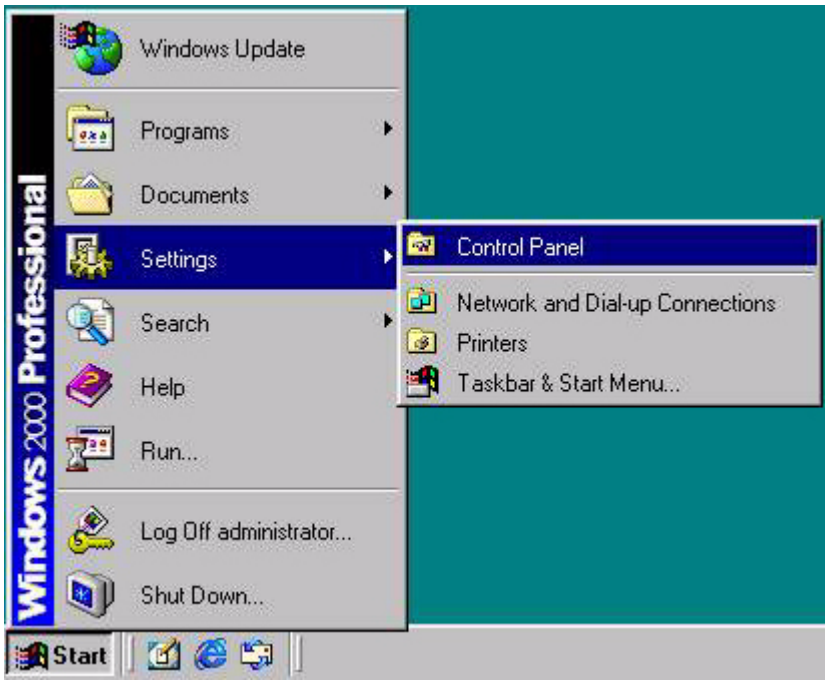


10. Close “**Update Device Driver Wizard**” by clicking “**Finish**” to complete the installation.

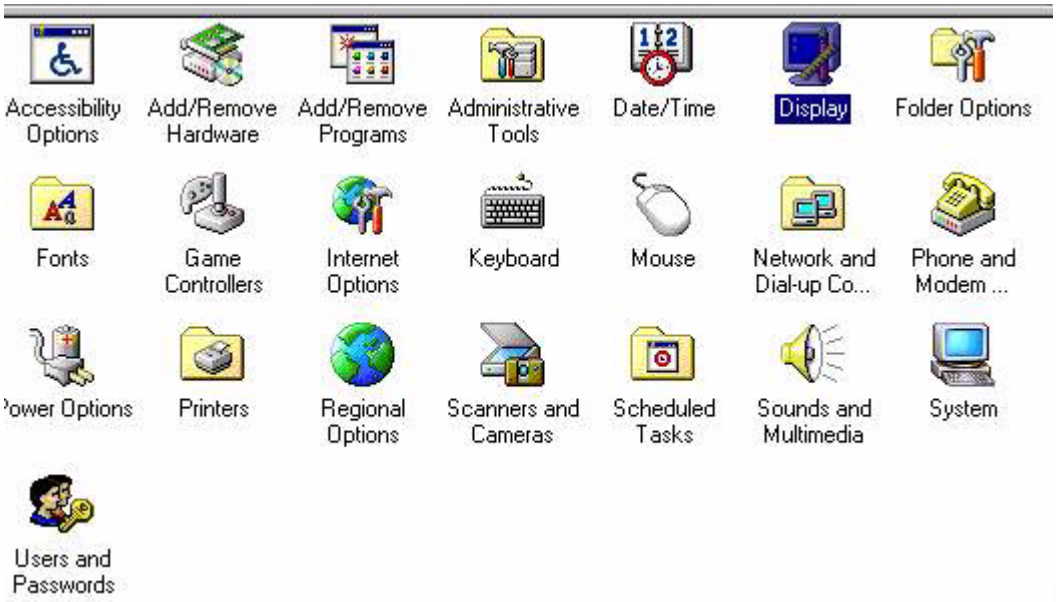
Windows 2000. The first time you start Windows with a new monitor, the system will detect it and automatically start the “**Add New Hardware Wizard**”. Carry out the instructions beginning at step 4.

1. Insert “**BenQ LCD Monitor**” CD-ROM into your CD-ROM Driver.

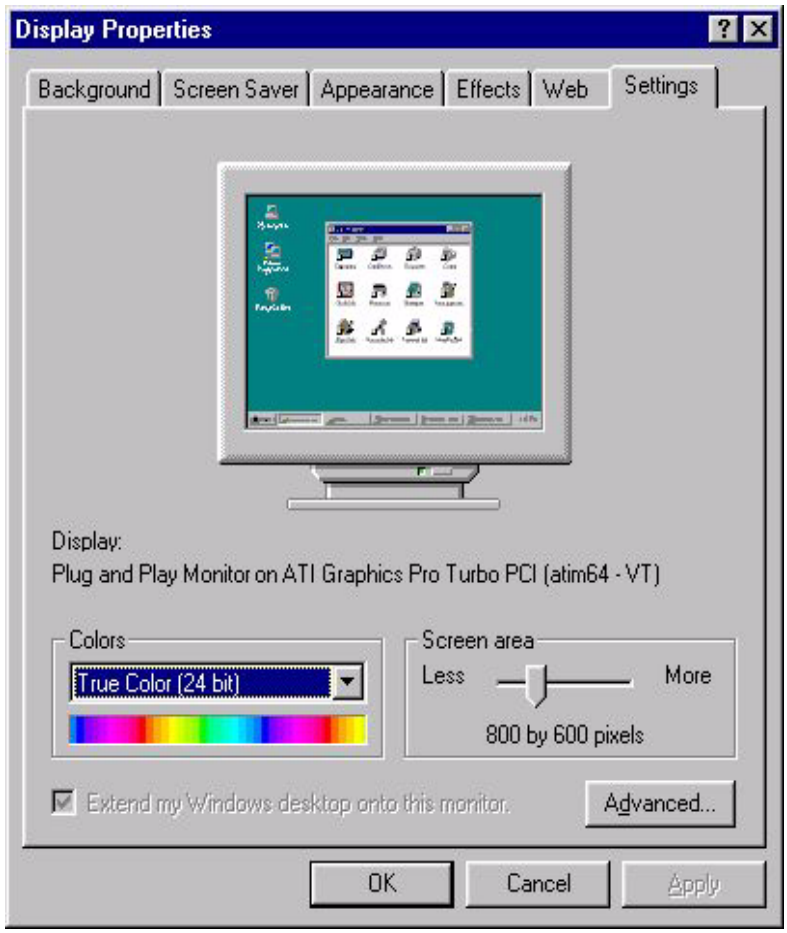
2. Click "**Start**" then "**Settings**".



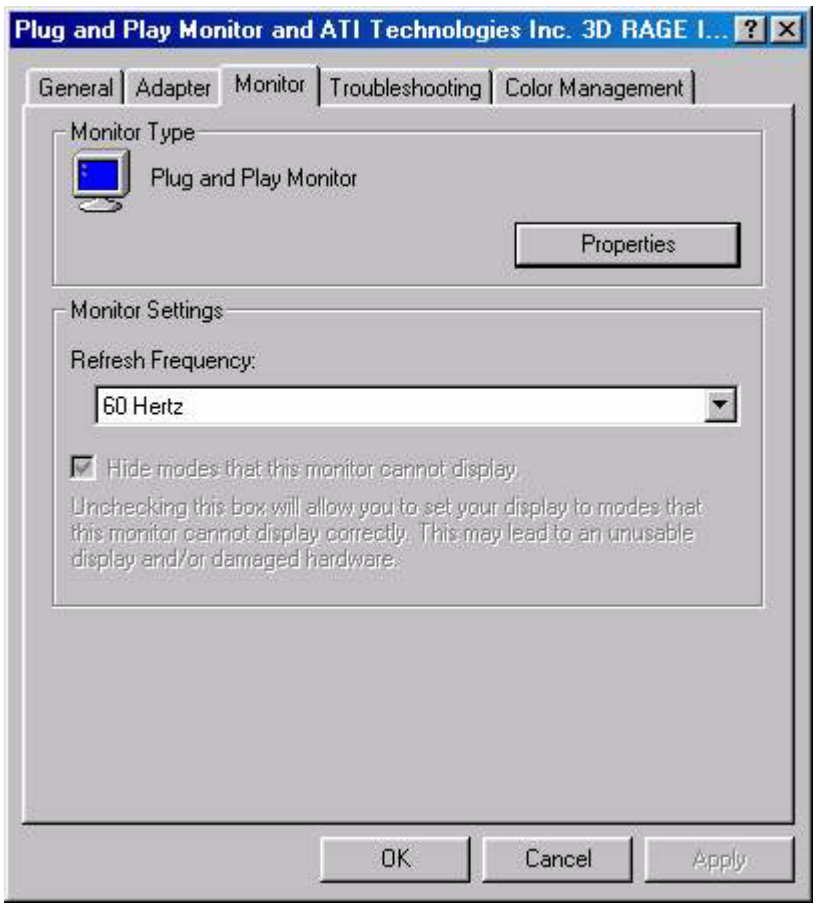
3. Open the Control Panel and double click on the "**Display**" icon.



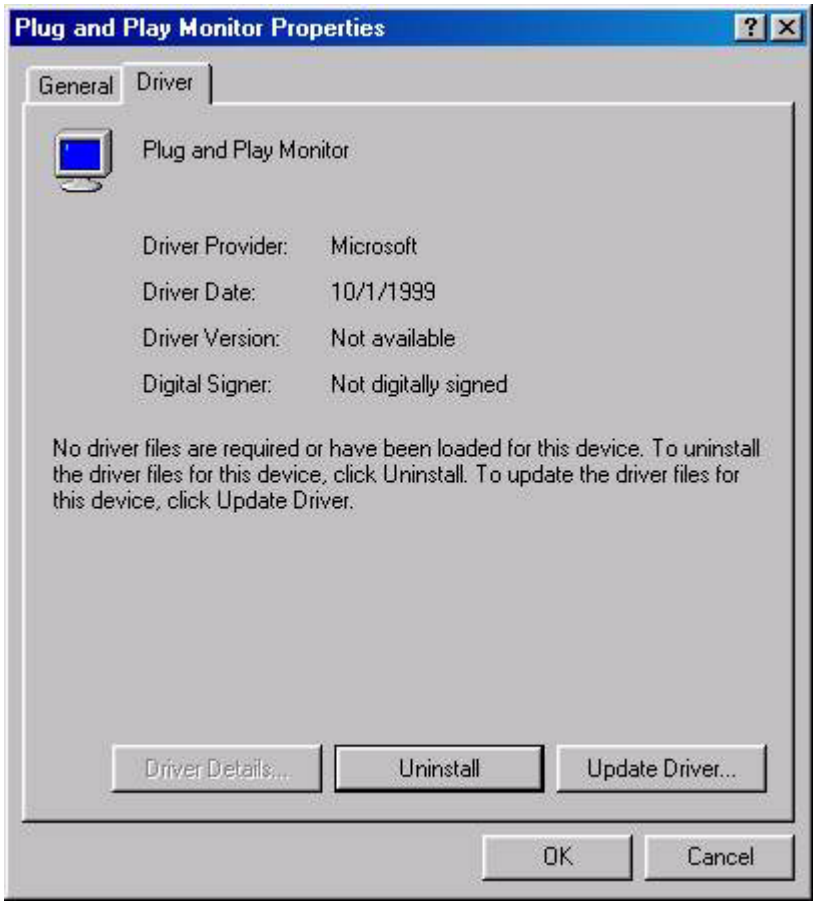
4. From the "**Display Properties**" window, select the "**Settings**" tab. Click the "**Advanced Properties**" button in the bottom right corner.



5. Select "**Monitor**" then click "**Properties**".


Plug and Play Monitor and ATI Technologies Inc. 3D RAGE I...
General
Adapter
Monitor
Troubleshooting
Color Management
Monitor Type
Plug and Play Monitor
Properties
Monitor Settings
Refresh Frequency:
60 Hertz
Hide modes that this monitor cannot display
Unchecking this box will allow you to set your display to modes that this monitor cannot display correctly. This may lead to an unusable display and/or damaged hardware.
OK
Cancel
Apply

6. Select "**Driver**" tab then click "**Update Driver**".


Plug and Play Monitor Properties
General
Driver
Plug and Play Monitor
Driver Provider: Microsoft
Driver Date: 10/1/1999
Driver Version: Not available
Digital Signer: Not digitally signed
No driver files are required or have been loaded for this device. To uninstall the driver files for this device, click Uninstall. To update the driver files for this device, click Update Driver.
Driver Details...
Uninstall
Update Driver...
OK
Cancel

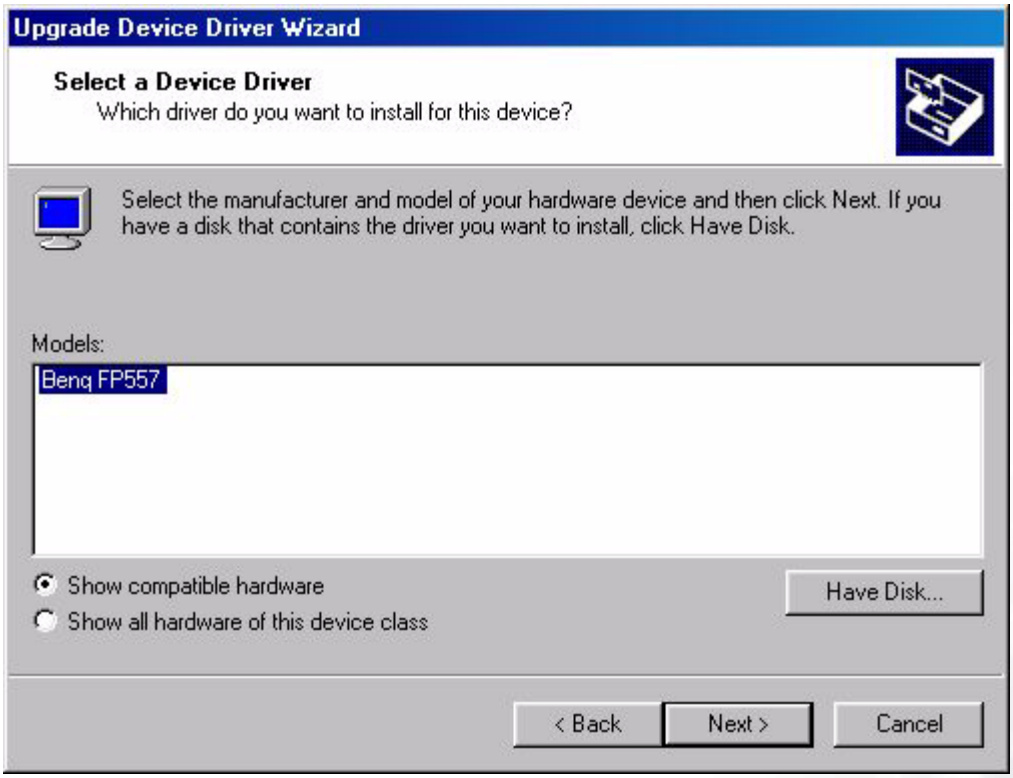
7. The "**Upgrade Device Driver Wizard**" will pop up. Then click "**Next**".

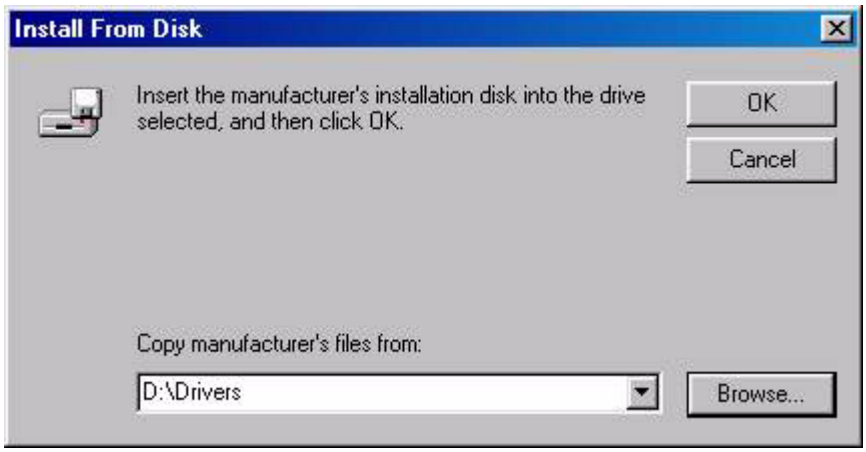
Upgrade Device Driver Wizard
Welcome to the Upgrade Device Driver Wizard
This wizard helps you upgrade a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

8. Select "**Display a list of the known drivers for this device so that I can choose a specific driver**" then click "**Next**".

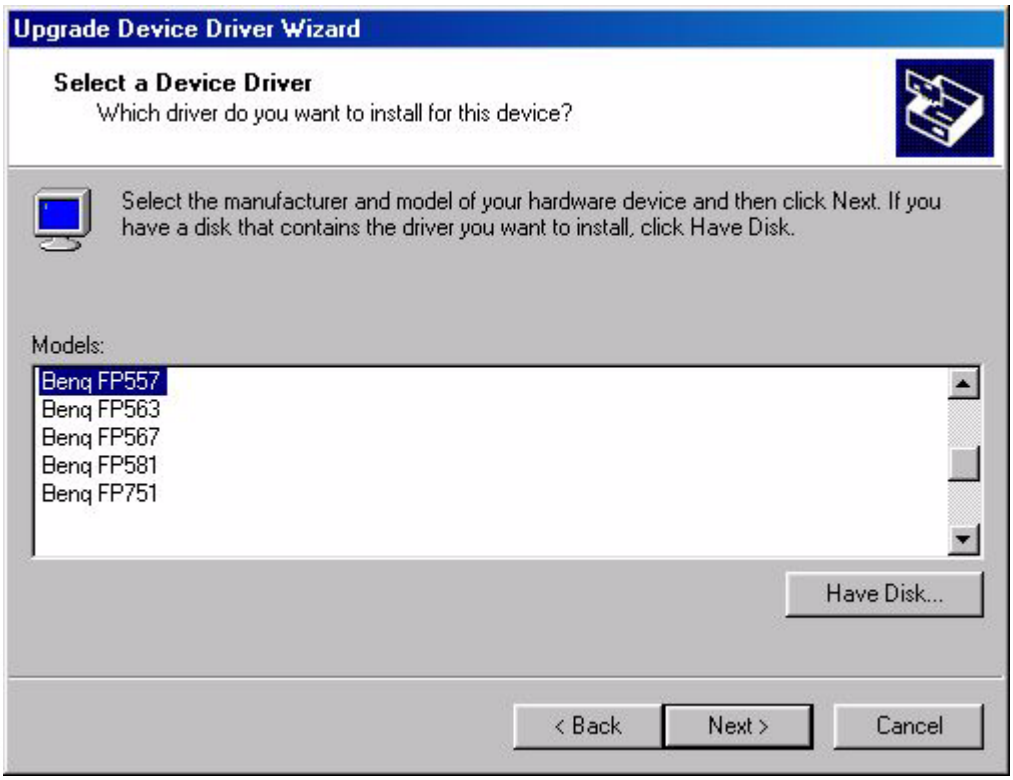
Upgrade Device Driver Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard upgrades drivers for the following hardware device:
Plug and Play Monitor
Upgrading to a newer version of a device driver may add functionality to or improve the performance of this device.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

9. In the next window, click "**Have Disk**", then "**Install From Disk**" window will pop up. Click "**Browse**", the "**Located File**" will pop up.

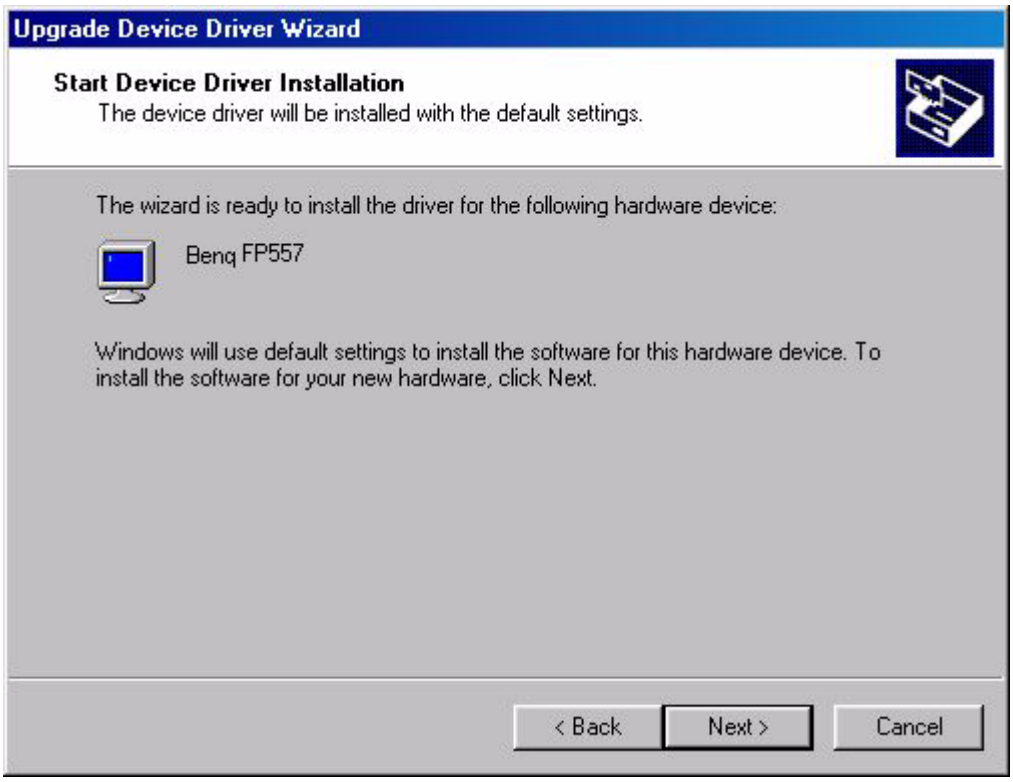

Upgrade Device Driver Wizard
Select a Device Driver
Which driver do you want to install for this device?
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Models:
Benq FP557
Show compatible hardware
Show all hardware of this device class
Have Disk...
< Back
Next >
Cancel



10. Scroll down and select your CD ROM Driver, then click "**Next**" .


Upgrade Device Driver Wizard
Select a Device Driver
Which driver do you want to install for this device?
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Models:
Benq FP557
Benq FP563
Benq FP567
Benq FP581
Benq FP751
Have Disk...
< Back
Next >
Cancel

11. In the list of folders within the CD-ROM, select "**Drivers**" folder then click "**Open**" twice, then click "**OK**". Select your LCD Mode (FP783) from the list in the next window then click "**Next**" twice.

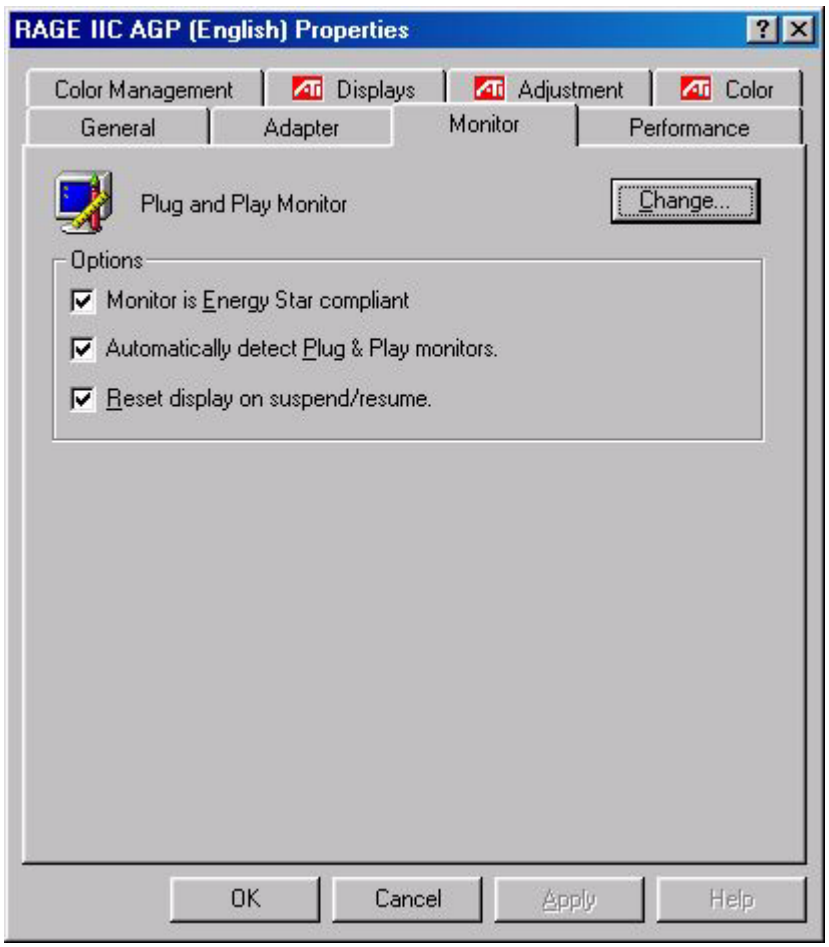

Upgrade Device Driver Wizard
Start Device Driver Installation
The device driver will be installed with the default settings.
The wizard is ready to install the driver for the following hardware device:
Benq FP557
Windows will use default settings to install the software for this hardware device. To install the software for your new hardware, click Next.
< Back
Next >
Cancel

12. The new drivers are now installed on your computer.

Windows ME. To manually install or update the driver, perform the following steps:

1. Click "Start", "**Settings**", "**Control Panel**" and then double-click "**Display**".
2. In the Display Properties window, click the "**Settings**" tab and click "**Advanced...**".

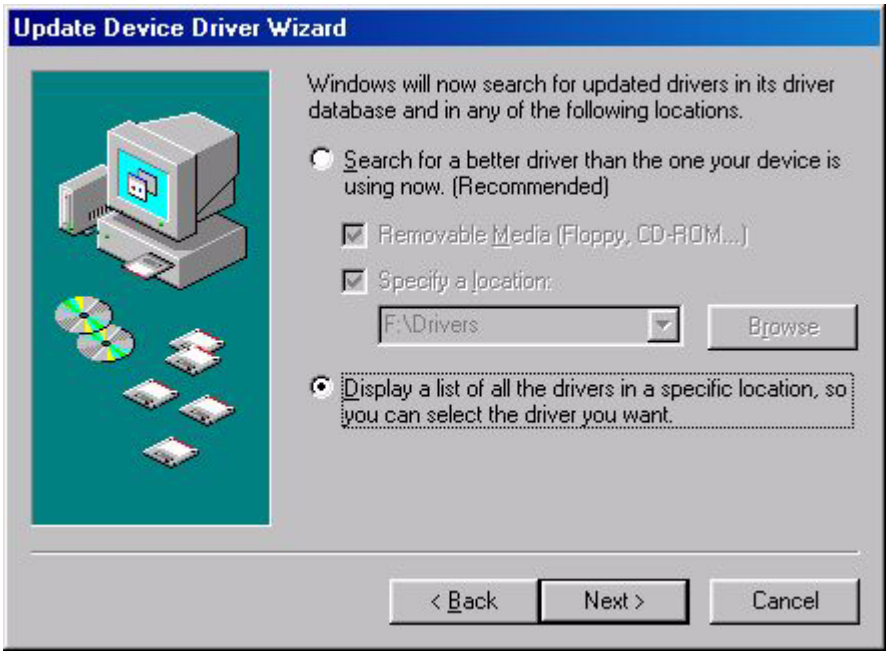
3. Click the "**Monitor**" tab and then click "**Change**".



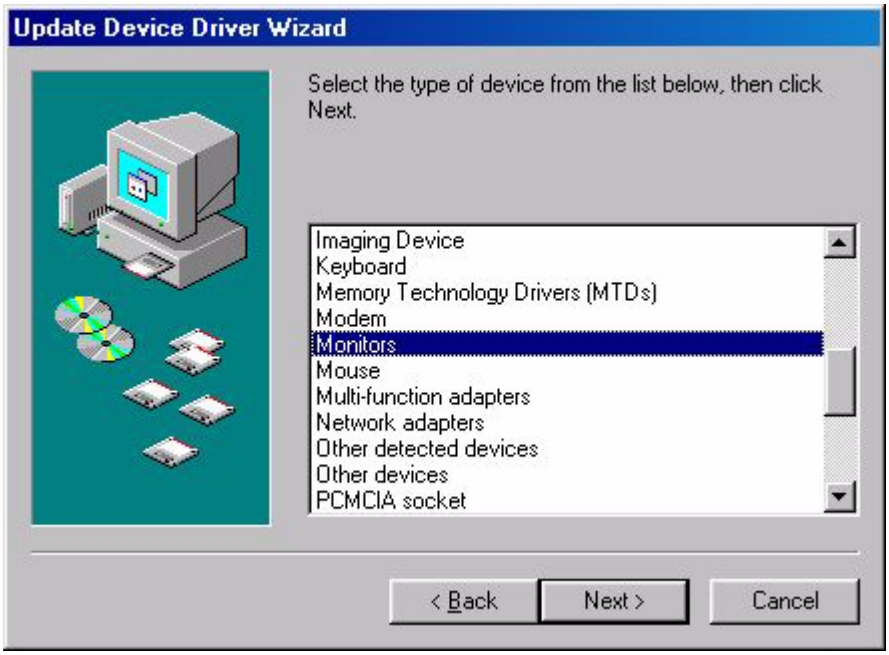
4. "**Update Device Driver Wizard**" dialogue box appears. Choose "**Specify the location of the driver (Advanced)**" and then click "**Next**".

Update Device Driver Wizard
This wizard searches for updated drivers for:
Unknown Device
Windows can search for and install an updated driver to replace the one currently being used by your hardware. Or, you can specify the location of another driver.
What would you like to do?
Automatic search for a better driver (Recommended)
Specify the location of the driver (Advanced)
< Back
Next >
Cancel

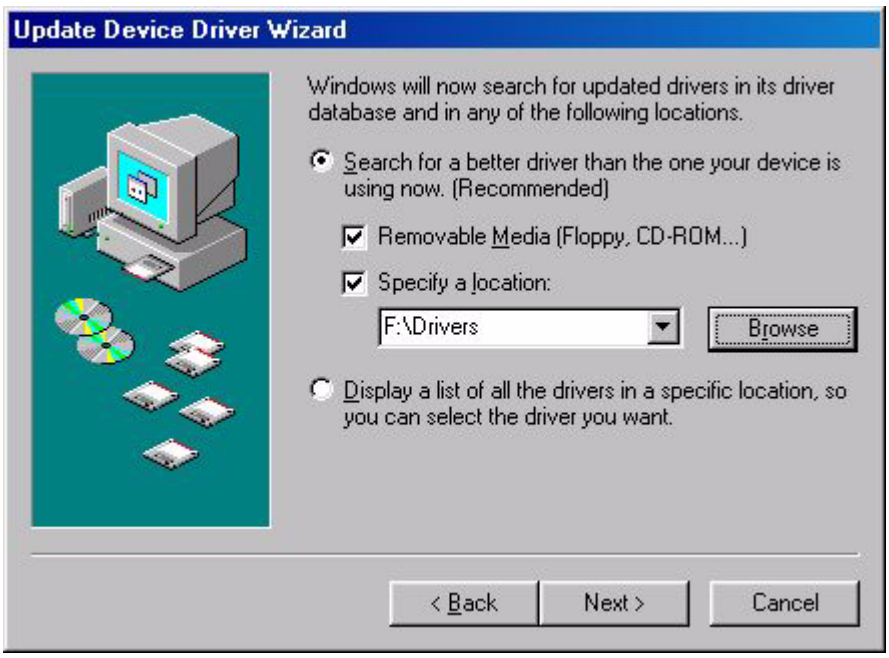
5. Choose "**Display a list of all the drivers in a specific location, so you can select the driver you want**" and click "**Next**".


Update Device Driver Wizard
Windows will now search for updated drivers in its driver database and in any of the following locations.
Search for a better driver than the one your device is using now. (Recommended)
Removable Media (Floppy, CD-ROM...)
Specify a location:
F:\Drivers
Browse
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

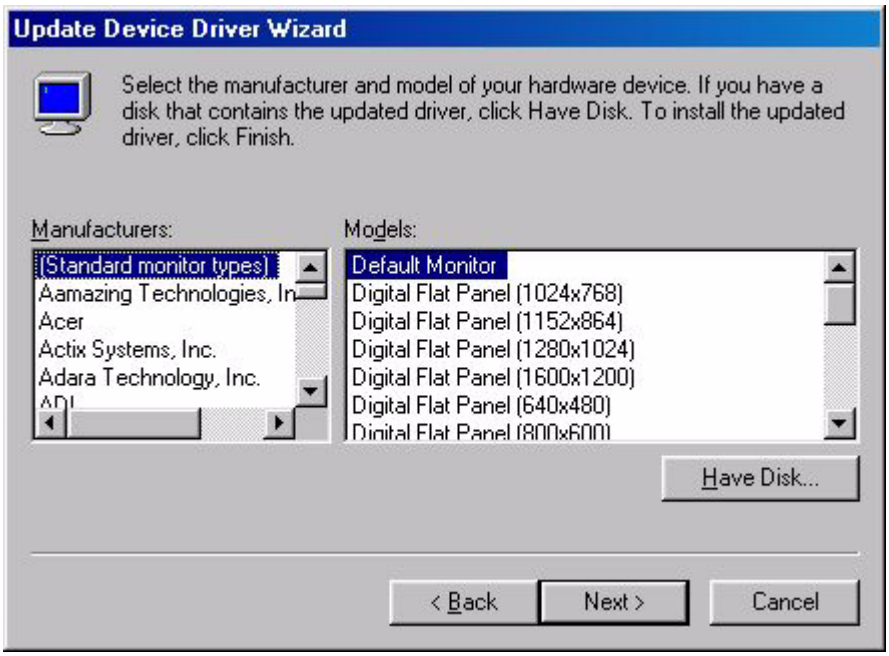
6. Choose "**Monitor**" from the list and then click "**Next**".



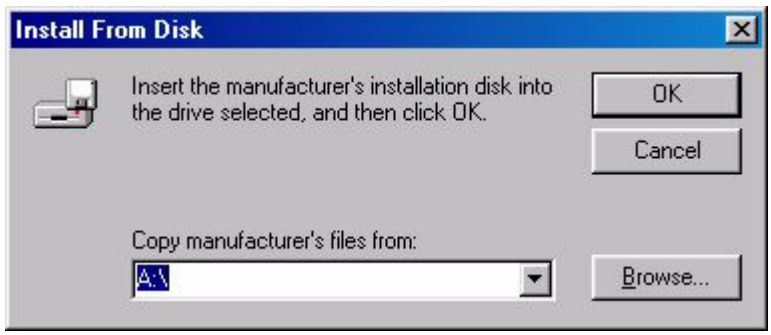
7. Choose "**Display a list of all the drivers in a specific location, so you can select the driver you want.**".

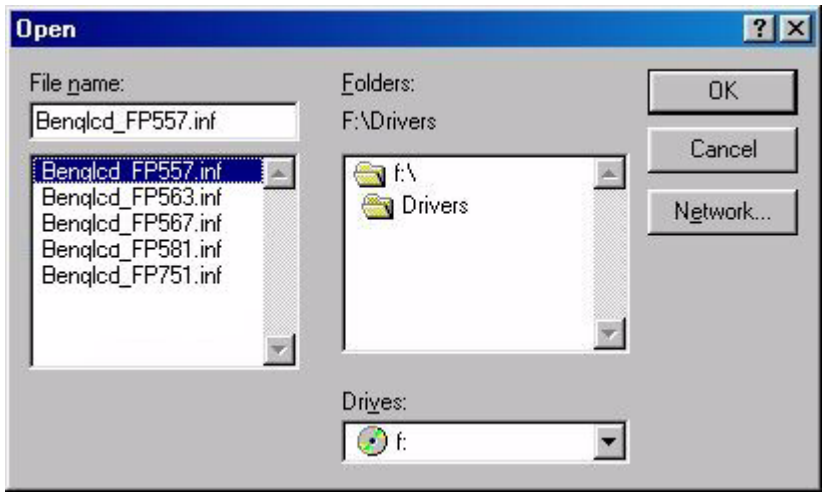

Update Device Driver Wizard
Windows will now search for updated drivers in its driver database and in any of the following locations.
Search for a better driver than the one your device is using now. (Recommended)
Removable Media (Floppy, CD-ROM...)
Specify a location:
F:\Drivers
Browse
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

8. Click "**Have disk**" and then click "**Browse...**".

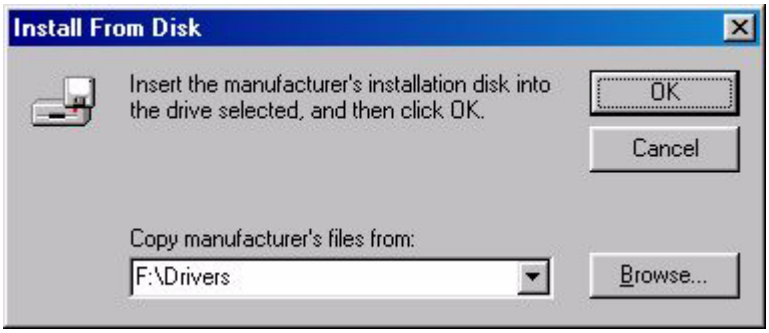

Update Device Driver Wizard
Select the manufacturer and model of your hardware device. If you have a disk that contains the updated driver, click Have Disk. To install the updated driver, click Finish.
Manufacturers:
Models:
(Standard monitor types)
Aamazing Technologies, In
Acer
Actix Systems, Inc.
Adara Technology, Inc.
Default Monitor
Digital Flat Panel (1024x768)
Digital Flat Panel (1152x864)
Digital Flat Panel (1280x1024)
Digital Flat Panel (1600x1200)
Digital Flat Panel (640x480)
Have Disk...
< Back
Next >
Cancel

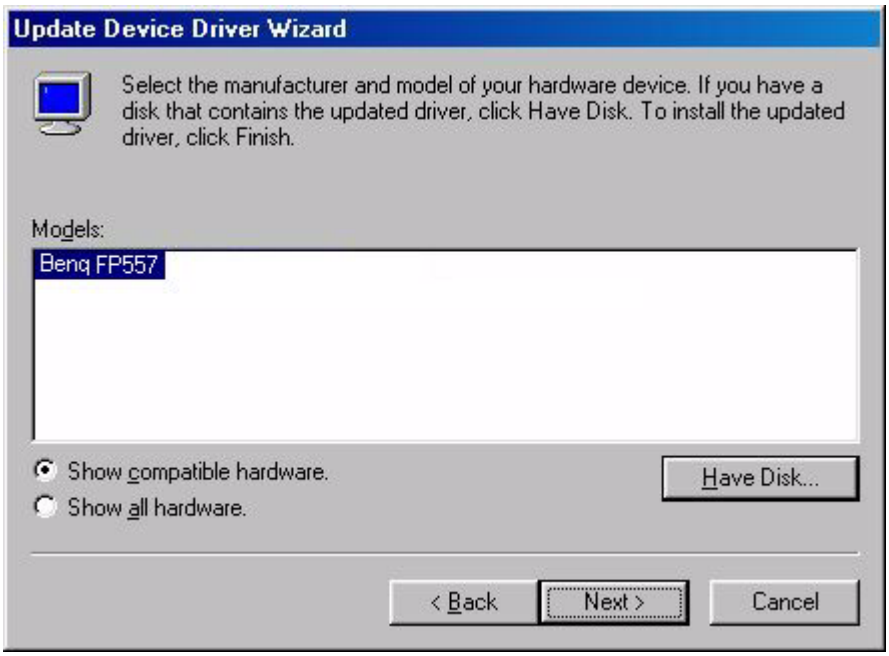
9. Insert "**BenQ LCD Monitor's CD**" into your CD-ROM and type d:\ (change the driver letter to match your CD-ROM driver if it is not drive D). Enter "**Drivers**" folder to select the model from the list left. Click "**OK**".





10. Click "**OK**" on the "**Install From Disk**" window. The dialogue box "**Update Device Driver Wizard**" appears. Choose the model from the list, then click "**Next**".




Update Device Driver Wizard
Select the manufacturer and model of your hardware device. If you have a disk that contains the updated driver, click Have Disk. To install the updated driver, click Finish.
Models:
Benq FP557
Show compatible hardware.
Show all hardware.
Have Disk...
< Back
Next >
Cancel

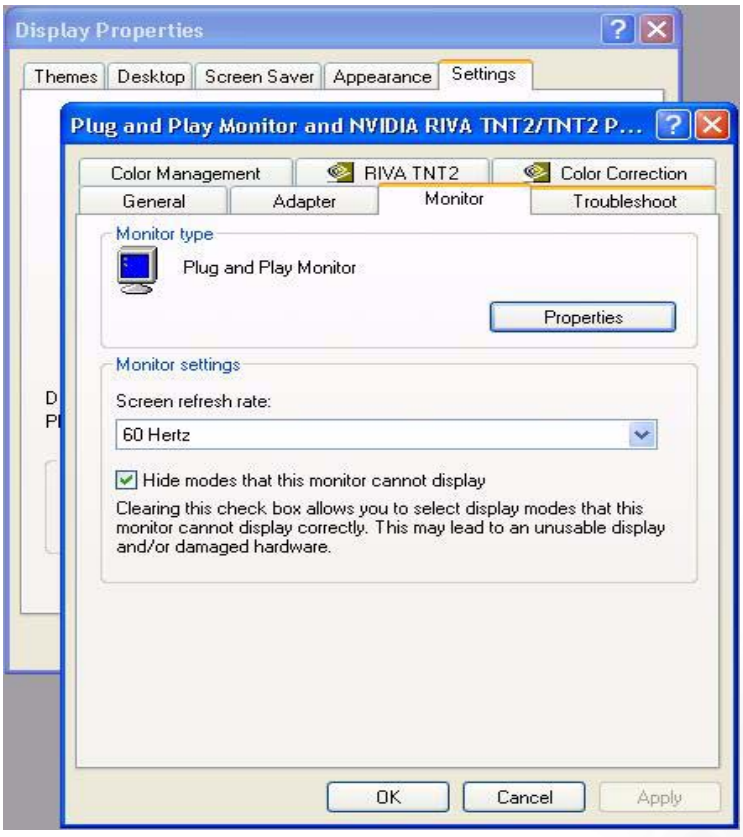
11. Click "**Next**".

Update Device Driver Wizard
Windows driver file search for the device:
Benq FP557
Windows is now ready to install the selected driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
F:\DRIVERS\BENQL~14.INF
< Back
Next >
Cancel

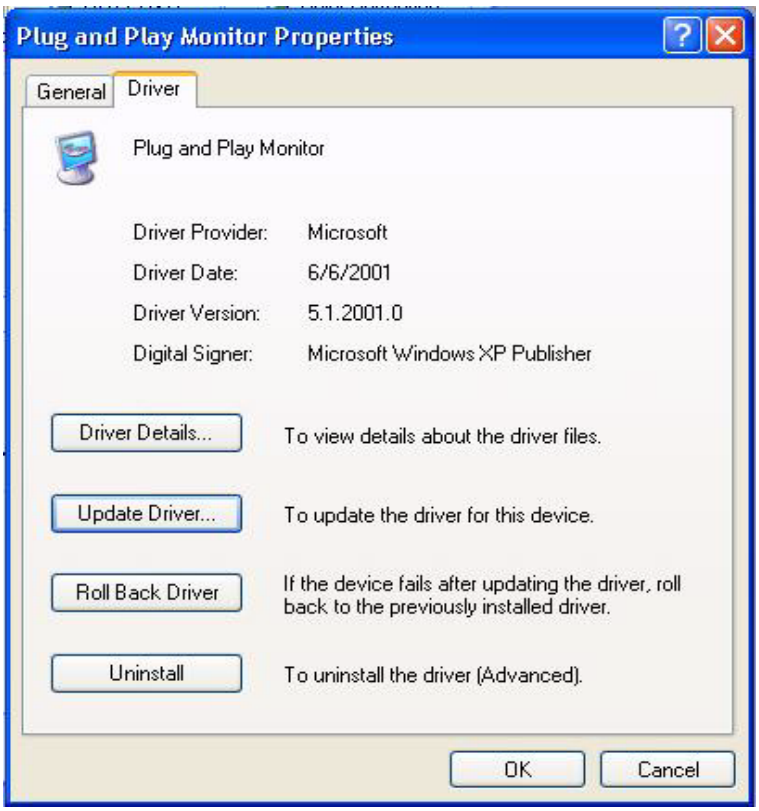
12. Click "**Finish**" to complete the installation.

Windows XP.

1. Right click mouse on the desktop and choose "**Properties**". Select "**Settings**" tab and click the "**Advanced**" button. A small window will pop up. Select the "**Monitor**" tab in the new window and then click "**Properties**".



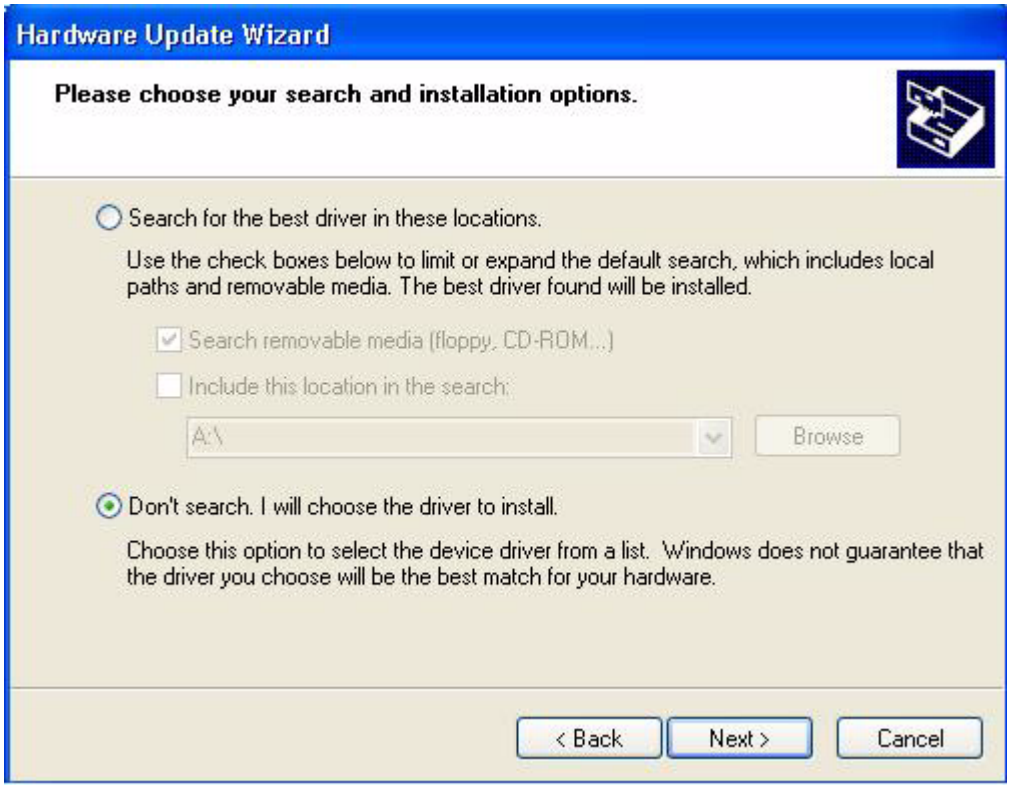
2. Select "**Driver**" tab and then click "**Update Driver…**"



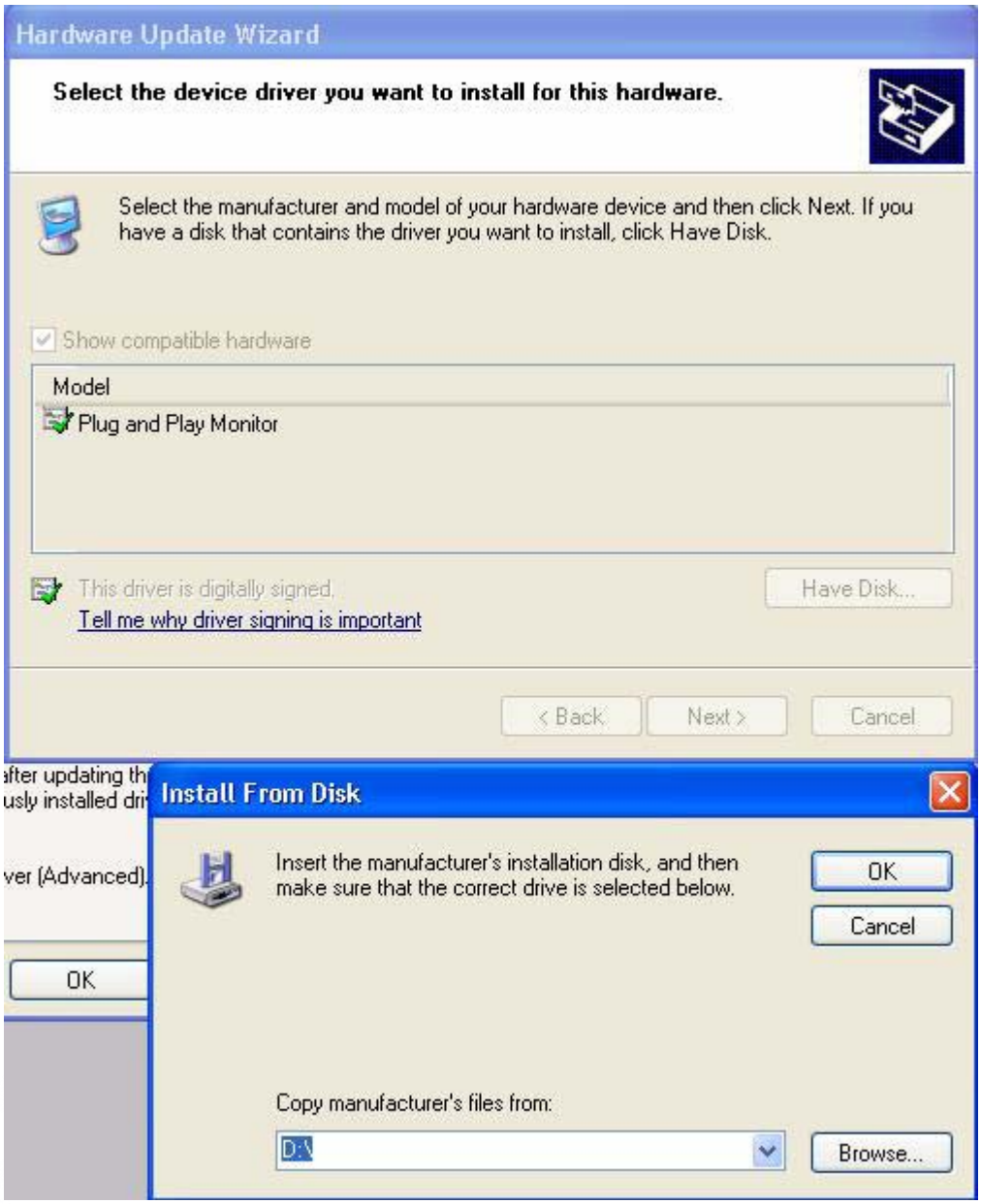
3. The "**Hardware Update Wizard**" will pop up. Then click "**Next**".

Hardware Update Wizard
Welcome to the Hardware Update Wizard
This wizard helps you install software for:
Plug and Play Monitor
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

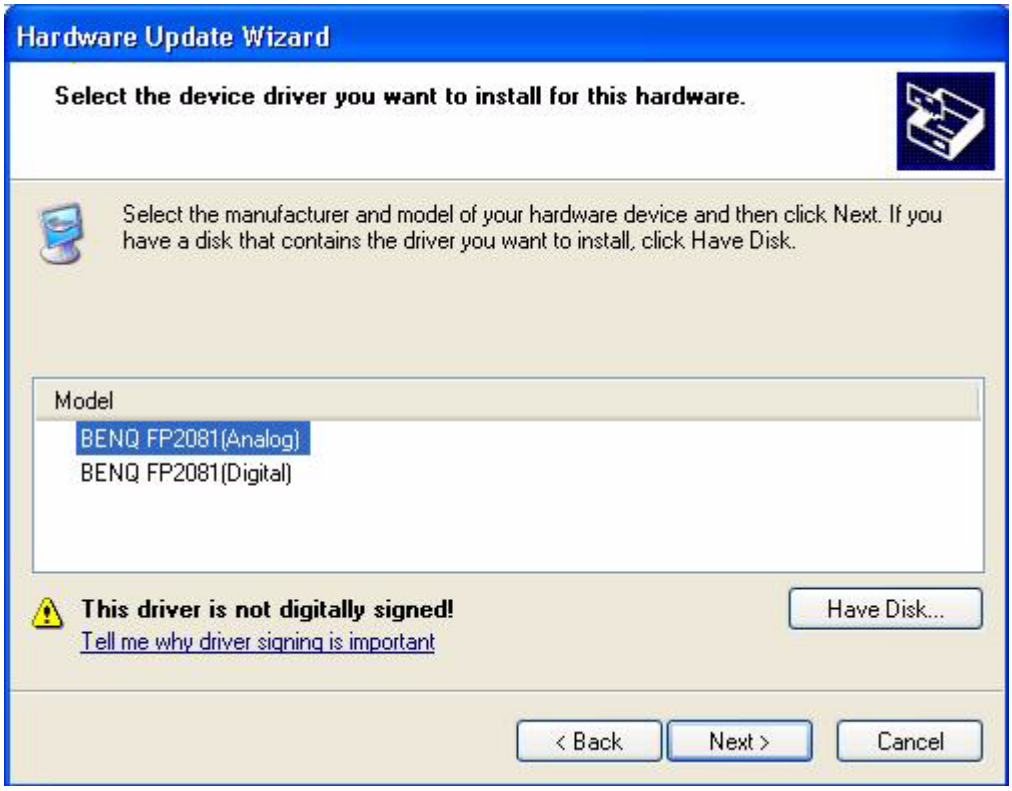
4. Select "**Don't search. I will choose the driver to install**" and then click "**Next**".


Hardware Update Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
A:\
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

5. In the next window, click "**Have Disk…**", an "**Install From Disk**" window will pop up. Click "**Browse**". The "**Locate File**" window will pop up.


Hardware Update Wizard
Select the device driver you want to install for this hardware.
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Show compatible hardware
Model
Plug and Play Monitor
This driver is digitally signed.
Tell me why driver signing is important
Have Disk...
< Back
Next >
Cancel
Install From Disk
Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.
OK
Cancel
Copy manufacturer's files from:
D:\
Browse...
OK

6. Select your driver and then click "**Next**".


Hardware Update Wizard
Select the device driver you want to install for this hardware.
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Model
BENQ FP2081(Analog)
BENQ FP2081(Digital)
This driver is not digitally signed!
Tell me why driver signing is important
Have Disk...
< Back
Next >
Cancel

7. The new drivers are now installed to your computer. Click "**Finish**" to exit installation.

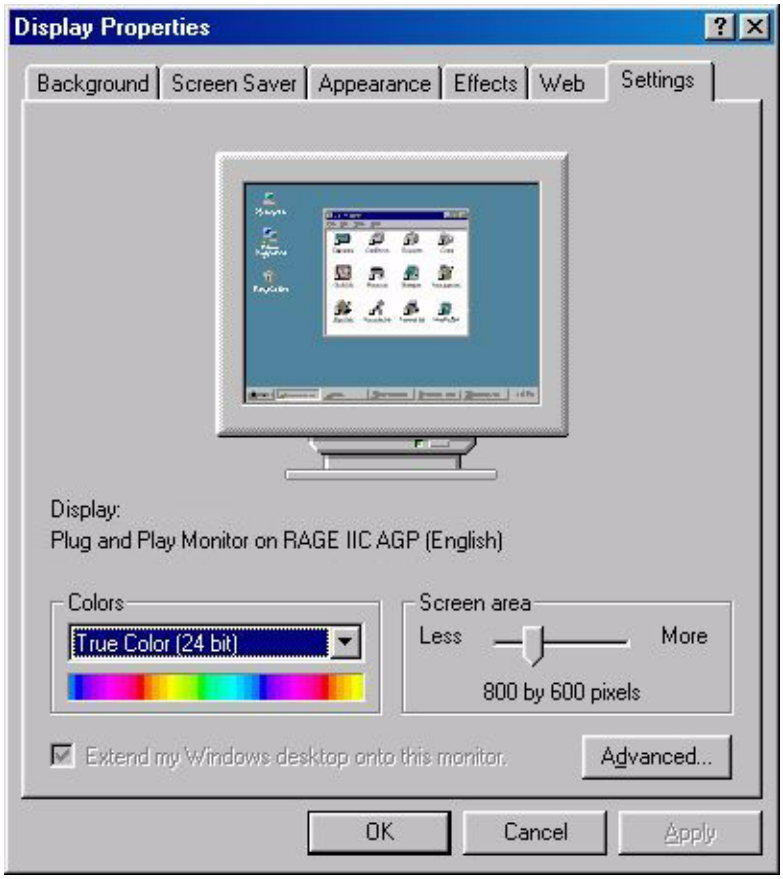
❺ Choosing the best picture resolution

Due to the nature of LC display technology, the picture resolution is always fixed. The best picture possible for your FP783 is achieved with a resolution of 1280x1024. This is called “Native Resolution” or maximal resolution - that is, the clearest picture. Lower resolutions are displayed on a full screen through an interpolation circuit. However flaws do occur with the interpolated resolution. So if you want to have all the advantages of LCD technology you must use the native resolution. If you are using Windows 95/98/2000/ME or XP you can change the picture resolution as follows:

1. Double-click the “**Display**” icon in the Control Panel.

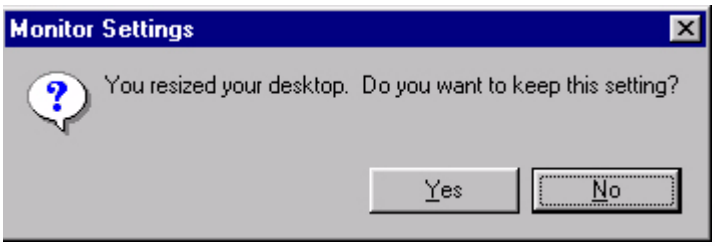
2. From the “**Display Properties**” window, select the “**Settings**” tab. You can alter the resolution by using the slider on the right-hand side.

3. Select a resolution of 1280x1024. Then click "**Apply**".



4. In the subsequent windows, press "**OK**" and "**Yes**"

Display Properties
Windows will now resize your desktop. This could take a few seconds, during which your screen might flicker. If Windows does not reappear correctly, wait 15 seconds, and your original settings will be restored.
OK
Cancel

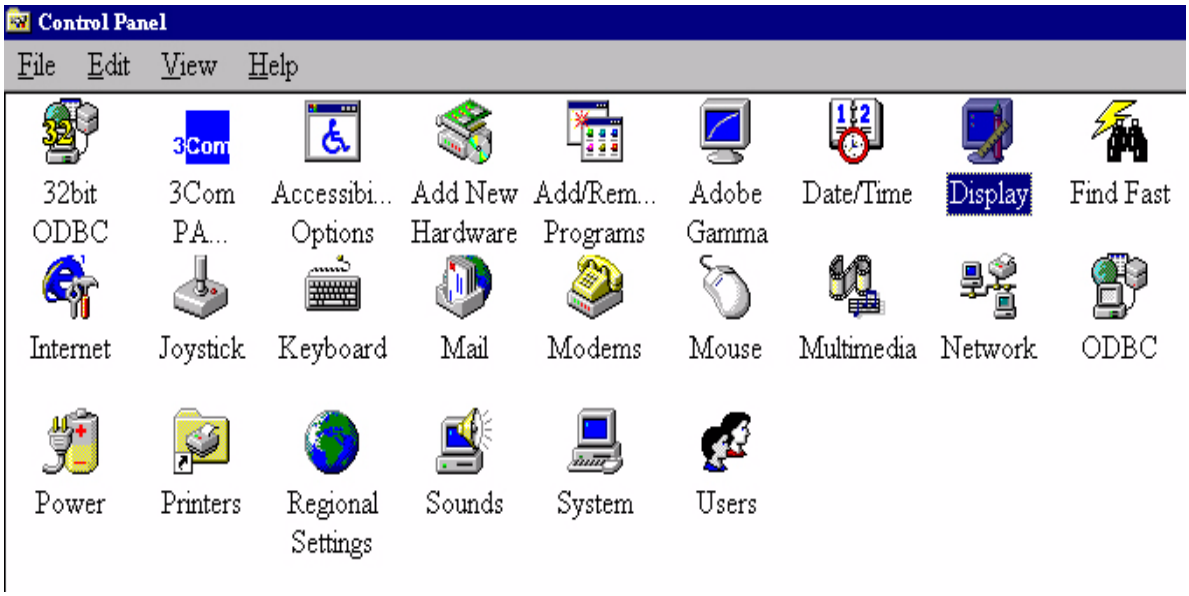


5. You can now close "**Display Properties**".

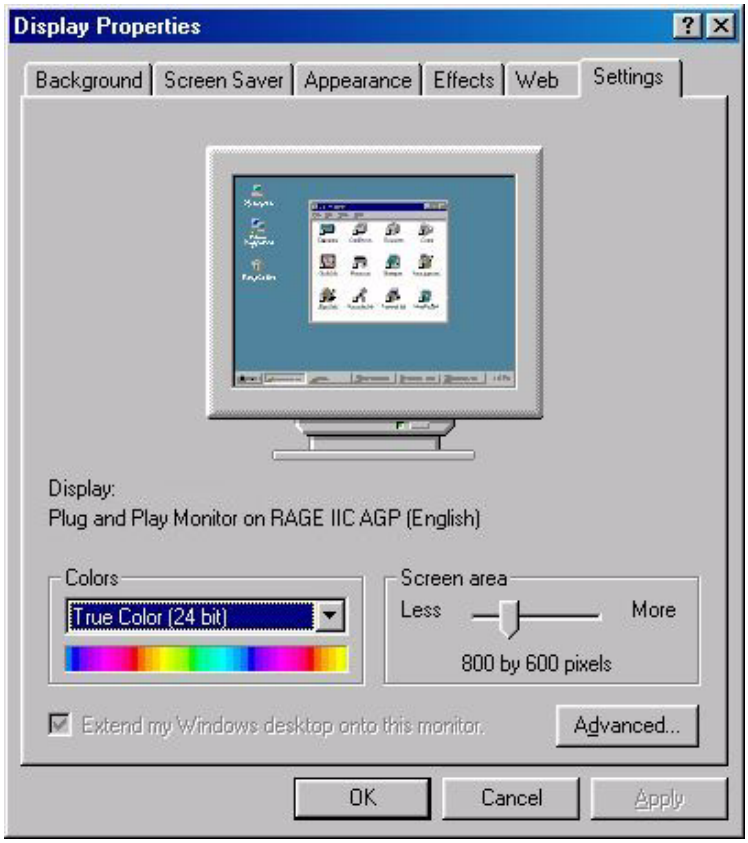
6 How to choose the right Refresh Rate

You don't have to choose the highest possible refresh rate on an LCD display, because it is not technically possible for an LCD display to flicker. The best results are obtained by using the factory modes already set in your computer. There is a table with the factory modes in this user's guide. Youc an choose 60, 70 and 75 Hertz, (but not 72Hz) for the native resolution of 1280x1024. In Windows 95/98/2000/ME/XP you can change the refresh rate as follows:

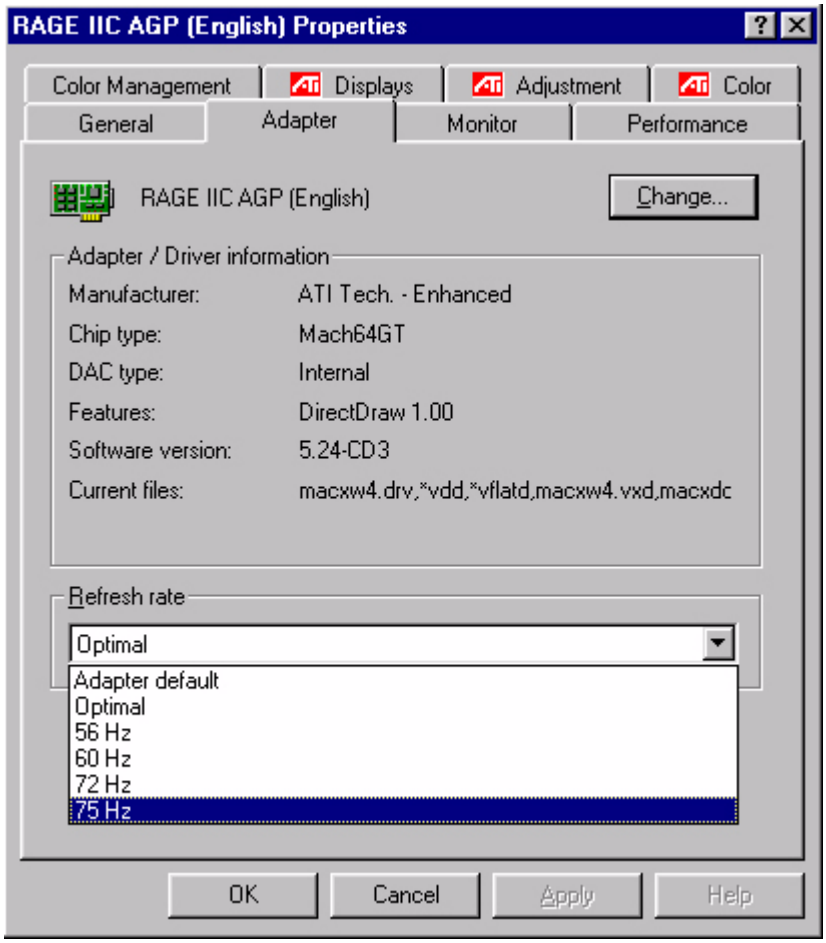
1. Double click the "**Display**" icon in the Control Panel.



2. From the "**Display Properties**" window, select the "**Settings**" tab. Click the "**Advanced...**" button in the bottom right corner.



3. Select the "**Adapter**" tab. The refresh rate selection field is located in the center at the bottom of the window.



4. Choose a refresh rate from the table with the factory modes, which can be found in the user's guide, and select this in the settings field.

5. In the subsequent windows press "**Change**", "**OK**" and "**Yes**".

Refresh Rate
Windows will now adjust the refresh rate of your display. The screen may flicker for a few moments while the settings are being changed.
If the display becomes garbled or unusable, simply wait and Windows will restore the original settings.
OK

6. You can now close "**Display Properties**".

❼ How to set the Picture Optimization

The easiest way to obtain an optimal display is to use the *ikey* function. Press the "*ikey*" on the control panel and the monitor will adjust automatically.

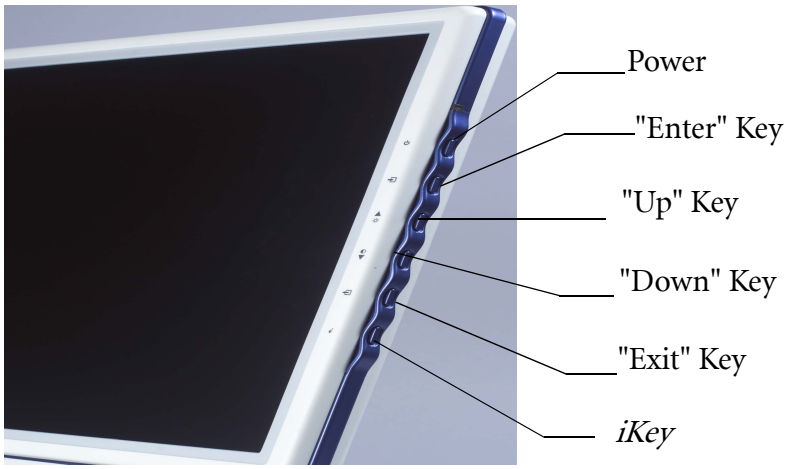
If you are still not satisfied with the result, you can still adjust the image manually.

1. Run the test program auto.exe from CD-ROM; this is the best way to observe possible changes. You can also use any other image, such as the desktop of your operating system. However, we recommend that you use auto.exe. As you run auto.exe, a test pattern emerges.
2. Press "Enter" on control panel to access OSD.
3. If there is vertical noise observed, press ▲ or ▼ key to select "**Geometry**" and press "Enter" key. Then press ▲ or ▼ key to select "**Pixel Clock**" and also press "Enter" key again. Now, press ▲ or ▼ key to adjust the monitor untill the noise disappears.
4. If there is horizontal noise observed, press ▲ or ▼ key to select "**Geometry**" and press "Enter" key. Then press ▲ or ▼ key to select "**Phase**" and also press "Enter" key again. Now, press ▲ or ▼ to adjust the monitor untill the noise disappears.

   To make sure the "*iKey*" function performs well, you have to use one of the supported modes. If the "*iKey*" does not work properly and the "**NON PRESET MODE**" message is on the OSD, it means you are not using one of the supported modes. Please set your computer to use one of the supported modes. You will find a list of supported modes in this manual.

❽ How to adjust your Monitor

An Overview of the Control Panel



There are 6 keys for user's control including "Enter", "Up" , "Down", "Exit", and "*iKey*" and a power switch. The following descriptions are the introduction of these keys & switch.

1. "Power": Turn the power on or off.
2. "Enter" key: Activate OSD, enter sub menu, select items, confirm selection and hot key for OSD Lock..
3. ▲ (Up) key: For Up/Increase adjustment. Up key is the hot key for Brightness.
4. ▼ (Down) key: For Down/Decrease adjustment. Down key is the hot key for Contrast.
5. "Exit" key: Back to previous menu or exit OSD.
6. "*iKey*" : Adjust vertical position, phase, horizontal position and pixel clock automatically

Hot Key Mode

Brightness and Contrast hot keys

Press ▲ to enter Brightness menu, press ▲ or ▼ key to adjust the degree of brightness and press "Exit" to exit OSD.

Press ▼ to enter Contrast menu, press ▲ or ▼ key to adjust the degree of Contrast and press “Exit” to exit OSD.

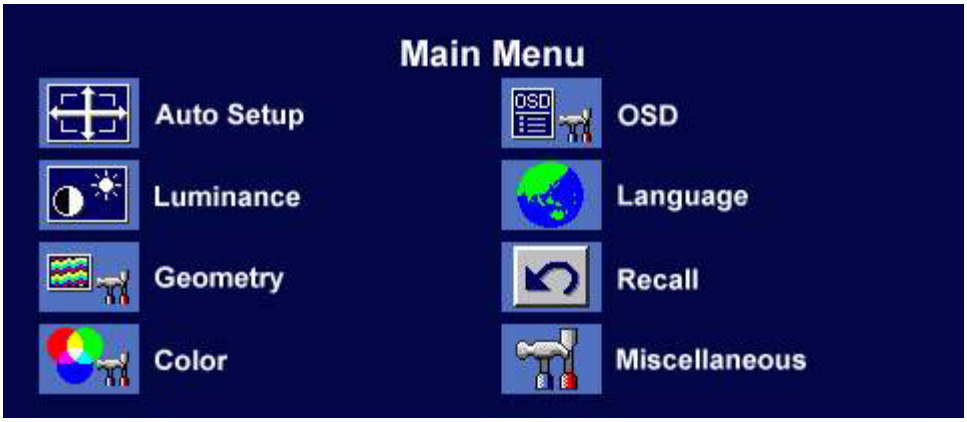
Input Selection hot key

Press "Exit" to enter the Input Select menu. Choose D-sub or DVI input source by pressing ▲ or ▼ key and save your choice with "Enter".

Main Menu Mode

Control Functions Available in Main Menu

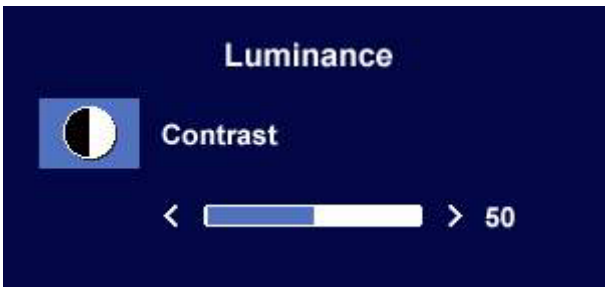
Main Menu



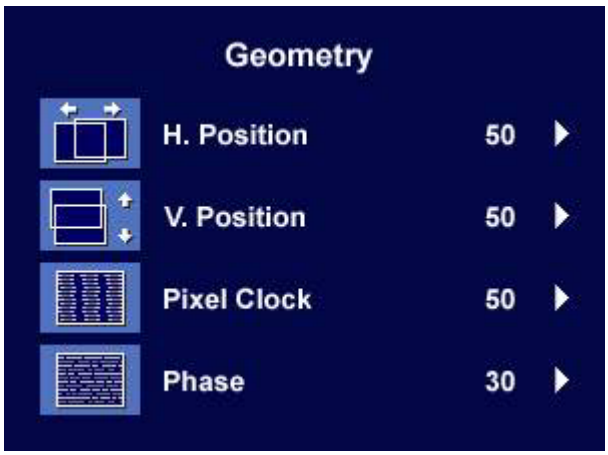
Luminance sub menu

Press ▲ or ▼ key to adjust the degree of Brightness, press “Exit” to return to the previous menu.

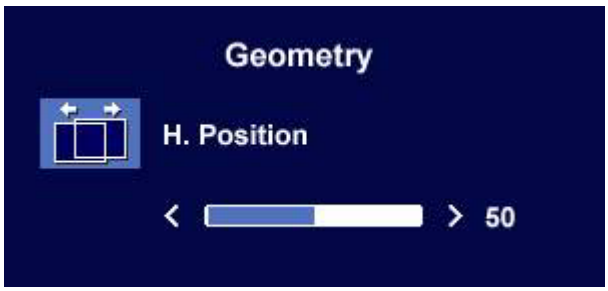
Press ▲ or ▼ key to adjust the degree of Contrast, press “Exit” to return to the previous menu.



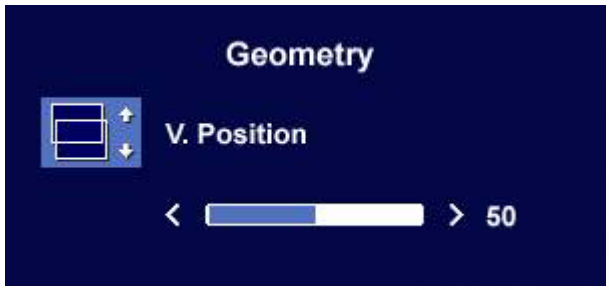
Geometry sub menu



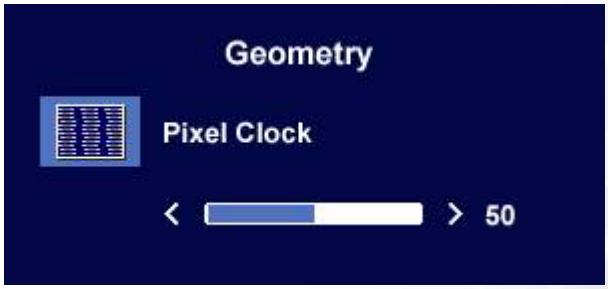
Press ▲ or ▼ key to adjust the Horizontal Position, press “Exit” to return to previous menu.



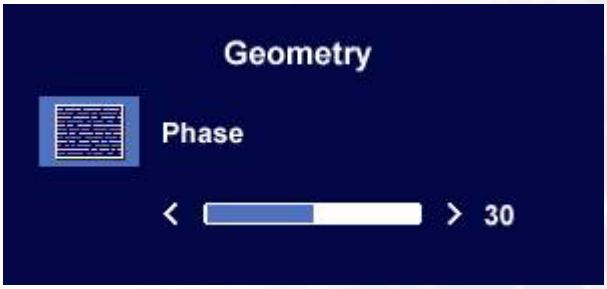
Press ▲ or ▼ key to adjust the Vertical Position, press “Exit” key to return to previous menu.



Press ▲ or ▼ key to adjust the value of the Pixel Clock, press “Exit” to return to previous menu.



Press ▲ or ▼ key to adjust the degree of Phase, press “Exit” to return to previous menu.

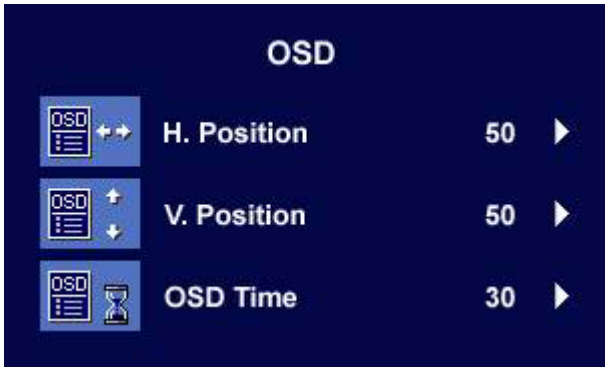


Color sub menu

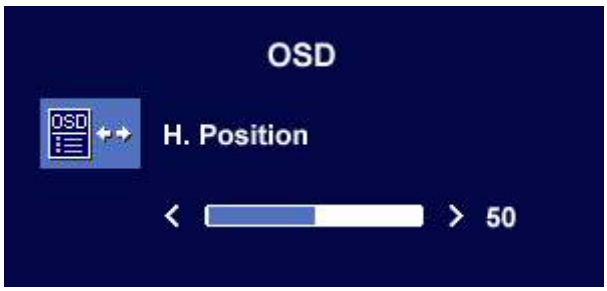
User Preset:

User may set the color balance of Red, Green and Blue.

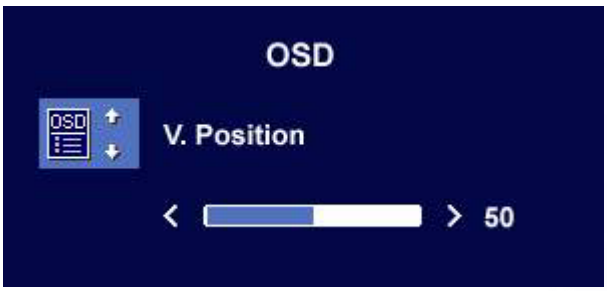
OSD sub menu



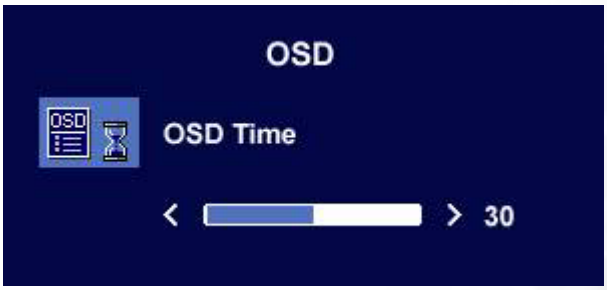
Press ▲ or ▼ key to adjust the Horizontal Position of the OSD, press “Exit” to return to previous menu.



Press ▲ or ▼ key to adjust the Vertical Position of the OSD, press “Exit” to return to previous menu.



Press ▲ or ▼ key to adjust the display time of the OSD, press “Exit” to return to previous menu.



Languages Sub menu

Recall sub menu

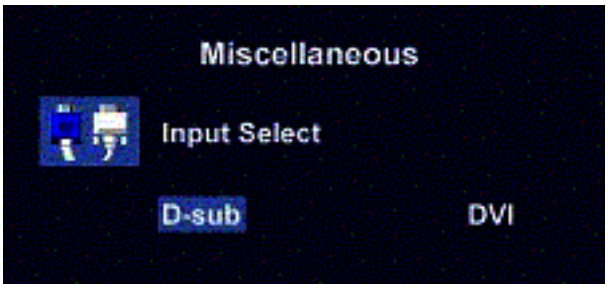
Press ▲ or ▼ key to confirm Color Recall, press “Enter” to recall color settings, or press “Exit” to return to previous menu.

Press ▲ or ▼ key to confirm Recall All, press “Enter” key to recall position and color settings, or press “Exit” key to return to previous menu.

Miscellaneous sub menu

Input Select:

Press ▲ or ▼ key to choose an input source.



Sharpness:

Press ▲ or ▼ key to adjust the degree of Sharpness.

Display Information.

9 Troubleshooting

Frequently Asked Questions (FAQ)

? The image is blurred:

☞ **Read the Installation/Application section, and then select the correct resolution, refresh rate and make adjustments based on these instructions.**

☞ **How do you use a VGA extension cable?**

Remove the extension cable for the test. Is the image now in focus? If not, optimize the image by working through the instructions in the Installation/Adjustment section It is normal for blurring to occur due to conduction losses in extension cables. You can minimize these losses by using an extension cable with better conduction quality or with a built-in booster.

☞ **Does the blurring only occur at resolutions lower than the native (maximum) resolution?**

Read the Installation/Adjustment section. Select the native resolution.

? Pixel errors can be seen:

☞ **One of several pixels are permanently black, one or more pixels are permanently white, one or more pixels are permanently red, green, blue or another color.**

Read the Pixel error rates section.

? The image has a faulty coloration:

☞ **It has a yellow, blue or pink appearance.**

On the monitor, press "Enter" key and press ▲ or ▼ key to move to the "Recall" icon and press "Enter" key to enter "Recall" sub menu. Press ▲ or ▼ key to select "Color Recall" and select "Yes" in "Color Recall" sub menu, then press "Enter" key to recall to factory settings. If the image is still not correct and the OSD also has faulty coloration, this means one of the three primary colors is missing in the signal input. Now check the signal cable connectors. If any pin is bent or broken off, please contact your dealer to get necessary support.

? No image can be seen:

☞ **Is the prompt on the display illuminated in green?**

If the LED is illuminated in green and there is a message "Out of Range" on the screen, this means you are using a display mode that this monitor does not support, please change the setting to one of the supported mode. Please read "Supported operating modes" section.

☞ **Is the prompt on the display illuminated in orange?**

If the LED is illuminated in orange, the power management mode is active. Press any button on the computer keyboard or move the mouse. If that does not help, check the signal cable connectors. If any pin is bent or broken off, please contact your dealer to get necessary support.

☞ **Is the prompt on the display not illuminated at all?**

Check the power supply mains socket, the external power supply and the mains switch.

? The image is distorted, flashes or flickers:

☞ **Read the Installation//section and then select the correct resolution, refresh rate and make adjustments based on these instructions.**

? The image is displaced in one direction:

☞ **Read the Installation//section and then select the correct resolution, refresh rate and make adjustments based on these instructions.**

Need More Help?

If your problems remain after checking this manual, please contact your place of purchase or e-mail us at: Support@BenQ.com

⑩ Supported operating modes

Incoming display mode (Input timing)					Multi-scan operation
Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)	Remark	Actual display resolution
640x350	31.47(P)	70.08(N)	25.17	DOS	1280x943
720x400	31.47(N)	70.08(P)	28.32	DOS	full screen 1280x1024
640x480	31.47(N)	60.00(N)	25.18	DOS	
640x480	37.86(N)	72.80(N)	31.50	VESA	
640x480	37.50(N)	75.00(N)	31.50	VESA	
800x600	35.16(P)	56.25(P)	36.00	VESA	
800x600	37.88(P)	60.32(P)	40.00	VESA	
800x600	48.08(P)	72.19(P)	50.00	VESA	
800x600	46.87(P)	75.00(P)	49.50	VESA	
1024x768	48.36(N)	60.00(N)	65.00	VESA	
1024x768	56.48(N)	70.10(N)	75.00	VESA	
1024x768	60.02(P)	75.00(P)	78.75	VESA	
1152x864	67.50(P)	75.00(P)	108.00	VESA	
1152x870	68.68(N)	75.06(N)	100.00	Macintosh	
1152x900	61.80(N)	66.00(N)	94.50	SUN 66	
1152x900	71.81(N)	76.14(N)	108.00	SUN	
1280x1024	64.00(P)	60.00(P)	108.00	VESA	
1280x1024	75.83(N)	71.53(N)	128.00	IBMI	
1280x1024	80.00(P)	75.00(P)	135.00	VESA	
1280x1024	81.18(N)	76.16(N)	135.09	SPARC2	

- Modes not listed in the table may not be supported. For an optimal picture, we recommended you choose a mode listed in the table above.
- There are 22 available modes that are compatible with Windows.
- Image disruption may occur as a result of signal frequency differences from VGA cards which do not correspond with the usual standard. This is not, however, an error. You may improve this situation by altering an automatic setting or by manually changing the phase setting and the pixel frequency from the “Geometry” menu.
- If you switch off the monitor, interference lines can occur on your screen. But do not be concerned about this, as it is normal.
- To extend the service life of the product, we recommend that you use your computer's power management function.

11 Specifications

Model	FP783
Display type	17.0" , active, TFT
Viewable diagonal	43.2 cm
Native (maximum) resolution	1,280X1,024
Colors	16.2 million
Contrast / Brightness	500:1 / 300 cd/m^2
Response time	12 ms
Viewing angle (left/right, up/down)	70/70, 70/70 (CR=10) 80/80, 80/80 (CR=5)
Line frequency	31.47 - 81.18 kHz Multi- frequency monitor
Image frequency	60 - 76 Hz modes within these parameters
Image checks	Digital, *Screen* OSD Technology, *iKey* (automatic image setting)
Controls	5 buttons and *iKey.*
iScreen functions	Contrast, brightness, vert. & hor. image position, phase, pixel clock, color balance, color palette, choice of language (8 language OSD), OSD position, status indicator
Power Management	VESA DPMS, EPA
Max. power consumption	60 Watt
Power saving mode	< 3 Watt
Input signal	RGB analog 0.7 Vpp/75 Ohm positive Digital: DVI-D
Synchronisation	TTL separate signal connection 15-pin mini D-sub cable
Temperature (operating)	5 °C - 40 °C
Air humidity (operating)	20% - 80%
Certifications	TCO 99, TÜV/Ergonomics, TÜV/ GS, FCC Class B, ISO 13406-2, VCCI, UL, CB Report, CE, C-Tick, BSMI, Fimko, GOST
Operating voltage	100-240 V, 50-60 Hz
Dimensions (W x H x D)	387 x 398 x 250 mm
Weight	5.2 kg